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MONTANA

ANNUAL LOADOMETER SURVEY

AUGUST 1955

STATE HIGHWAY COMMISSION
HIGHWAY PLANNING SURVEY

IN COOPERATION WITH

U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

JANUARY 1956

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INTRODUCTION

The Montana Highway Department Planning Survey initially began truck weighing operations for statistical purposes in 1936. These studies were then discontinued until 1942 but since that time have been conducted annually during the month of August. In order that a more direct year to year comparison of the various data may be made, the field work is scheduled so that each station is operated during the same hours on approximately the same dates each year. In this manner loading trends of commercial vehicles in Montana have been kept current for the ultimate use in highway design.

Plate I graphically illustrates truck loading trends by showing the per cent of both loaded and empty trucks in the various weight groups by years.

The tabulation on page 1 summarizes overloads in excess of state statutes concerning axle loadings, load concentrations, and registered gross weight.

The regular loadometer tables W-1 through W-6 summarize a variety of data collected during August of 1955 and compare them with similar data for 1954.

The following stations were operated during August of 1955:

STATION NUMBER	DESCRIPTION	STATION NUMBER	DESCRIPTION
1	Junction of U.S. 10 and 91 West of Butte	7	U.S. 89 and 91 West of Great Falls
2	Junction of U.S. 12 and 310 South of Laurel	8	Junction of U.S. 2 and 91 West of Shelby
3	U.S. 10 West of Laurel	9	U.S. 2 East of Kalispell
4	Junction of U.S. 10 and 12 East of Miles City	10	Junction of U.S. 10 and 93 West of Missoula
5	Junction of U.S. 2 and Mont. 16 North of Culbertson	11	U.S. 10 West of Drummond
6	U.S. 2 West of Glasgow		

MONTANA LOADOMETER SURVEY
TRUCK LOADING TRENDS 1936 - 1955
PERCENT OF LOADED & EMPTY TRUCKS OF ALL TYPES BY WEIGHT GROUPS

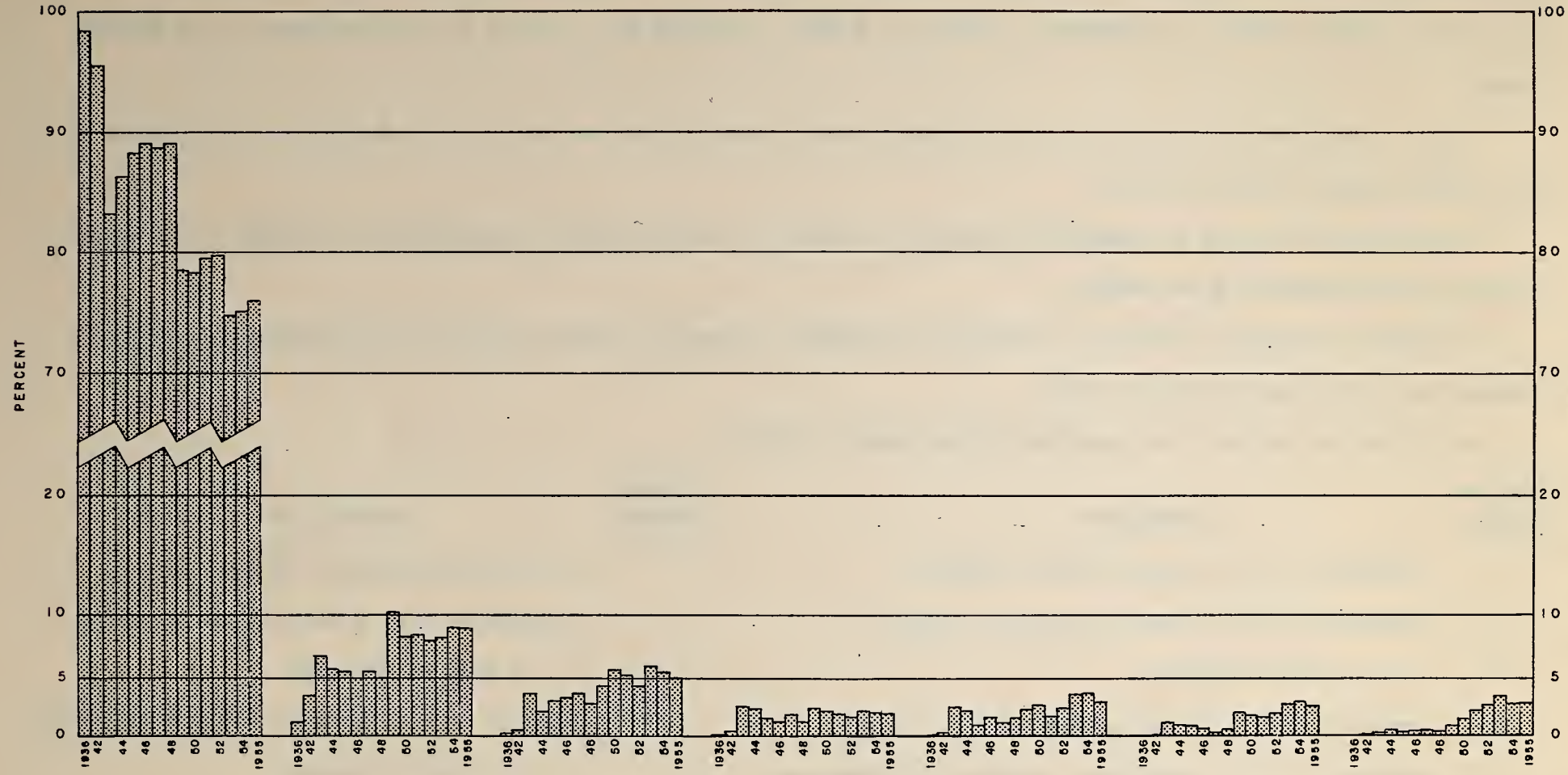

PLATE I

LOADINGS IN EXCESS OF MONTANA STATE LAW BY AXLES, AXLE GROUPS, AND GROSS VEHICLE WEIGHT FOR VARIOUS TYPES OF COMMERCIAL VEHICLES

AUGUST 1955

VEHICLE TYPE	ALL TRUCKS		LOADED TRUCKS							
				AXLE WEIGHT OVERLOADS		AXLE SPACING OVERLOADS		*ALL OVERLOADS		GROSS VEHICLE WEIGHT LAW
	NUMBER COUNTED	NUMBER WEIGHED	NUMBER OF LOADED TRUCKS WEIGHED	NUMBER OF TRUCKS	PERCENT OF LOADED TRUCKS	NUMBER OF TRUCKS	PERCENT OF LOADED TRUCKS	NUMBER OF TRUCKS	PERCENT OF LOADED TRUCKS	NUMBER EXCEEDING REGISTERED WEIGHT	PERCENT OF LOADED TRUCKS
SINGLE UNITS											
PANELS AND PICKUPS	2852	303	150							11	7.3
OTHER 2 AXLE 4-TIRED	176	37	29							2	6.9
OTHER 2 AXLE 6-TIRED	1887	991	642	17	2.6			17	2.6	28	4.4
3 AXLE	183	128	84			4	4.8	4	4.8	1	1.2
TRACTOR-SEMI-COMBINATIONS											
3 AXLE	332	245	163	8	4.9			8	4.9	10	6.1
4 AXLE	187	161	101	9	8.9	5	5.0	14	13.9	4	4.0
5 AXLE OR MORE	447	401	301	8	2.7	32	10.6	40	13.3	25	8.3
TRUCK-FULL TRAILER COMBINATIONS											
4 AXLE OR LESS	104	31	18	2	11.1	1	5.6	3	16.7		
5 AXLE	255	188	126	8	6.3	54	42.9	62	49.2	7	5.6
6 AXLE OR MORE	29	26	21							1	4.8
TOTALS	6452	2511	1635	52	3.2	96	5.9	148	9.1	89	5.4

* TRUCKS OVERLOADED IN EXCESS OF STATE LAW ON BOTH AXLE WEIGHT AND AXLE SPACING WERE COUNTED ONLY ONCE AS AN AXLE WEIGHT OVERLOAD.

TABLE W-1

STATE OF MONTANA

LOCATION AND TIME OF OPERATION OF EACH LOADOMETER STATION, SHOWING NUMBER OF VEHICLES COUNTED AND WEIGHED AT EACH BY TYPE DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO CORRESPONDING DATA FOR 1954

STATION NUMBER	ROUTE NUMBER	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED													TRUCKS & COMBINATIONS WEIGHED								
							PASSENGER CARS		BUSSES	SINGLE UNIT TRUCKS				TRACTOR SEMI-TR			OTHER COMBINATIONS			SINGLE UNITS				TRACTOR SEMI-TR			OTHER COMBINATIONS		
							LOCAL	FOREIGN		PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE
1	US 10 & 91	East Leg of Junction U.S. 10 & 91 West of Butte	55	8-4	Thurs.	6-2	1066	695	12	187	9	110	17	15	6	27	8	16	3	5	-	34	9	14	6	22	1	10	3
				8-1	Mon.	2-10	1640	622	14	201	4	88	10	7	7	30	5	6	3	4	-	27	2	7	6	30	-	1	3
				8-2	Tues.	10-6	324	111	18	39	1	11	1	6	7	19	4	7	4	3	-	4	1	6	5	19	3	5	4
				Total			3030	1428	44	427	14	209	28	28	20	76	17	29	10	12	-	65	12	27	17	71	4	16	10
			54	8-4	Wed.	6-2	901	728	13	158	14	83	10	9	10	34	1	5	3	13	3	55	8	9	9	32	1	5	3
				8-5	Thurs	2-10	1564	589	20	130	9	53	7	8	5	27	2	6	7	12	-	36	7	8	5	26	2	5	7
				8-6	Fri.	10-6	443	91	15	33	2	8	-	6	3	14	-	6	3	3	-	6	-	6	3	14	-	5	3
				Total			2908	1408	48	321	25	144	17	23	18	75	3	17	13	28	3	97	15	23	17	72	3	15	13
2	US 12 & 310	North Leg of Junction U.S. 12 & 310 near Rockvale	55	8-8	Mon.	6-2	538	336	5	84	5	97	6	13	10	6	5	9	-	9	-	60	5	10	9	6	-	3	-
				8-5	Fri.	2-10	704	366	6	81	3	50	7	14	10	15	3	22	-	6	1	25	5	9	9	10	2	18	-
				Total			1242	702	11	165	8	147	13	27	20	21	8	31	-	15	1	85	10	19	18	16	2	21	-
			54	8-10	Tues.	6-2	401	485	8	66	16	69	5	10	9	7	1	6	1	19	-	62	5	10	9	7	1	6	1
				8-9	Mon.	2-10	424	383	8	60	21	50	1	9	6	13	4	8	-	20	5	38	1	9	6	11	2	8	-
				Total			825	868	16	126	37	119	6	19	15	20	5	14	1	39	5	100	6	19	15	18	3	14	1
3	US 10	U.S. 10 Just West of Laurel	55	8-10	Wed.	6-2	652	467	8	101	13	77	2	25	9	27	3	8	1	11	2	30	1	24	9	24	-	7	-
				8-9	Tues.	2-10	809	449	6	93	15	55	1	24	11	32	16	29	1	6	2	17	1	17	8	31	4	15	1
				Total			1461	916	14	194	28	132	3	49	20	59	19	37	2	17	4	47	2	41	17	55	4	22	1
			54	8-12	Thurs	6-2	640	546	6	112	2	81	4	21	3	24	4	7	2	26	1	53	4	21	3	23	2	7	2
				8-11	Wed.	2-10	786	459	6	76	4	49	2	12	3	27	17	31	3	12	2	37	2	12	2	27	16	28	3
				Total			1426	1005	12	188	6	130	6	33	6	51	21	38	5	38	3	90	6	33	5	50	18	35	5
4	US 10 & 12	Southwest Leg Junction U.S. 10 & 12 East of Miles City	55	8-12	Fri.	6-2	467	527	5	106	10	73	3	17	12	17	3	1	-	14	2	41	2	13	12	17	-	1	-
				8-11	Thurs	2-10	1163	520	4	92	6	48	5	18	9	19	7	4	-	13	2	22	4	14	9	18	2	4	-
				Total			1630	1047	9	198	16	121	8	35	21	36	10	5	-	27	4	63	6	27	21	35	2	5	-
			54	8-16	Mon.	6-2	512	580	6	109	14	73	4	10	9	11	4	15	-	17	4	45	1	9	9	11	3	15	-
				8-13	Fri.	2-10	992	561	4	99	13	56	1	14	10	15	7	25	-	15	2	28	1	12	9	14	7	18	-
				Total			1504	1141	10	208	27	129	5	24	19	26	11	40	-	32	6	73	2	21	18	25	10	33	-
5	US 2	East Leg of Junction U.S. 2 & Mont. 16 near Culbertson	55	8-16	Tues.	6-2	203	415	1	60	7	45	3	8	5	4	5	1	-	7	-	39	3	8	5	4	-	1	-
				8-15	Mon.	2-10	335	296	1	44	2	22	3	11	11	6	2	4	-	6	1	22	3	10	11	6	2	4	-
				Total			538	711	2	104	9	67	6	19	16	10	7	5	-	13	1	61	6	18	16	10	2	5	-
			54	8-18	Wed.	6-2	191	295	1	22	4	48	4	3	6	2	-	7	-	8	1	47	4	3	6	2	-	7	-
				8-17	Tues.	2-10	264	295	4	27	2	42	2	7	6	4	1	2	-	6	1	42	2	7	6	4	1	2	-
				Total			455	590	5	49	6	90	6	10	12	6	1	9	-	14	2	89	6	10	12	6	1	9	-
6	US 2	U.S. 2 Just West of Glasgow	55	8-18	Thurs	6-2	632	477	6	184	23	94	14	10	3	11	6	5	-	17	1	44	6	6	3	10	1	3	-
				8-17	Wed.	2-10	956	447	3	168	22	68	11	27	9	12	7	3	-	9	2	40	7	13	7	11	2	3	-
				Total			1588	924	9	352	45	162	25	37	12	23	13	8	-	26	3	84	13	19	10	21	3	6	-
			54	8-20	Fri.	6-2	410	451	1	107	13	64	4	11	5	8	-	1	1	41	7	62	3	11	4	8	-	1	1
				8-19	Thurs	2-10	814	369	9	86	11	45	2	5	11	5	1	-	-	27	2	40	2	5	10	5	1	-	-
				Total			1224	820	10	193	24	109	6	16	16	13	1	1	1	68	9	102	5	16	14	13	1	1	1

TABLE W-1

STATE OF MONTANA

LOCATION AND TIME OF OPERATION OF EACH LOADOMETER STATION, SHOWING NUMBER OF VEHICLES COUNTED AND WEIGHED AT EACH BY TYPE DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO CORRESPONDING DATA FOR 1954

STATION NUMBER	ROUTE NUMBER	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED														TRUCKS & COMBINATIONS WEIGHED									
							PASSENGER CARS		BUSSES	SINGLE UNIT TRUCKS				TRACTOR SEMI-TR			OTHER COMBINATIONS			SINGLE UNITS				TRACTOR SEMI-TR			OTHER COMBINATIONS		
							LOCAL	FOREIGN		PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE
7	US 89 & 91	U.S. 89 & 91	55	8-22	Mon.	6-2	865	329	7	186	12	145	20	20	11	46	8	16	1	19	8	81	13	11	7	29	2	14	1
		Approx. 1.1 miles		8-19	Fri.	2-10	1193	353	5	193	8	98	16	24	10	17	5	8	-	33	3	61	13	8	4	15	3	4	-
		West of Great Falls		8-22	Mon.	10-6	206	43	-	20	1	13	4	2	10	9	2	21	2	2	1	6	4	1	9	9	2	18	2
				Total			2264	725	12	399	21	256	40	46	31	72	15	45	3	54	12	148	30	20	20	53	7	36	3
			54	8-30	Mon.	6-2	858	231	8	167	14	138	27	14	7	17	1	8	-	75	7	134	27	14	6	16	1	8	-
				8-27	Fri.	2-10	1263	339	8	153	16	71	12	7	5	11	3	11	1	119	5	67	12	6	4	11	3	10	1
				8-27	Fri.	10-6	241	45	-	8	-	6	3	1	4	6	-	12	2	4	-	4	3	1	4	6	-	12	2
				Total			2362	615	16	328	30	215	42	22	16	34	4	31	3	198	12	205	42	21	14	33	4	30	3
8	US 2	West Leg Junction	55	8-25	Thurs.	6-2	491	273	2	132	8	179	4	5	4	11	-	15	-	4	-	45	2	5	4	9	-	11	-
		of U.S. 2 & 91		8-24	Wed.	2-10	738	345	7	149	3	151	2	14	6	17	4	23	1	-	-	44	-	3	2	13	2	19	-
		West of Shelby		Total			1229	618	9	281	11	330	6	19	10	28	4	38	1	4	-	89	2	8	6	22	2	30	-
			54	8-24	Tues.	6-2	235	253	1	39	3	49	3	9	1	13	-	6	-	11	-	48	3	8	1	13	-	6	-
				8-23	Mon.	2-10	340	221	1	37	1	46	2	3	2	7	2	15	-	7	-	40	2	3	2	7	2	15	-
				Total			575	474	2	76	4	95	5	12	3	20	2	21	-	18	-	88	5	11	3	20	2	21	-
9	US 2	U.S. 2 Approx. 5.0	55	8-29	Mon.	6-2	492	406	2	159	6	118	6	5	2	4	3	5	-	66	5	108	6	3	1	4	-	5	-
		miles East of		8-26	Fri.	2-10	745	482	4	117	1	85	14	4	2	3	1	4	-	45	1	85	14	4	2	2	-	2	-
		Kalispell		Total			1237	888	6	276	7	203	20	9	4	7	4	9	-	111	6	193	20	7	3	6	-	7	-
			54	9-3	Fri.	6-2	460	375	4	134	20	101	13	4	6	4	1	3	-	54	10	101	13	4	5	4	1	3	-
				9-2	Thurs.	2-10	669	389	9	114	5	74	22	3	3	4	-	4	1	48	3	74	22	3	3	3	-	4	1
				Total			1129	764	13	248	25	175	35	7	9	8	1	7	1	102	13	175	35	7	8	7	1	7	1
10	US 10 & 93	Southeast Leg of	55	8-31	Wed.	6-2	624	717	8	116	6	115	7	15	9	29	3	18	4	4	2	54	5	15	9	28	1	18	3
		Junction U.S. 10		8-30	Tues.	2-10	734	685	6	120	5	64	4	17	9	35	-	14	3	2	1	38	2	15	9	33	-	8	3
		& 93 West of		Total			1358	1402	14	236	11	179	11	32	18	64	3	32	7	6	3	92	7	30	18	61	1	26	6
		Missoula	54	9-8	Wed.	6-2	414	555	5	70	7	62	10	8	12	37	1	12	2	6	2	50	9	8	11	34	1	12	2
				9-7	Tues.	2-10	500	491	6	72	3	51	10	12	6	32	-	2	4	3	1	39	9	11	6	27	-	2	4
				Total			914	1046	11	142	10	113	20	20	18	69	1	14	6	9	3	89	18	19	17	61	1	14	6
11	US 10	U.S. 10 Just	55	9-2	Fri.	6-2	527	821	6	109	2	52	13	13	7	24	3	9	4	7	1	35	13	13	7	24	3	8	4
		West of Drummond		9-1	Thurs.	2-10	539	623	8	111	4	29	10	18	8	27	1	7	2	11	2	29	7	16	8	27	1	6	2
				Total			1066	1444	14	220	6	81	23	31	15	51	4	16	6	18	3	64	20	29	15	51	4	14	6
			54	8-3	Tues.	6-2	403	884	9	70	5	27	14	8	5	26	2	18	3	8	1	23	11	6	5	26	1	17	3
				8-4	Mon.	2-10	543	717	7	61	5	32	4	15	7	34	3	13	6	11	1	32	4	11	5	33	2	10	5
				Total			946	1601	16	131	10	59	18	23	12	60	5	31	9	19	2	55	15	17	10	59	3	27	8
		TOTAL OF 11 STATIONS	55				16643	10805	144	2852	176	1887	183	332	187	447	104	255	29	303	37	991	128	245	161	401	31	188	26
			54				14268	10332	159	2010	204	1378	166	209	144	382	55	223	39	565	58	1163	155	197	133	364	47	206	38

TABLE W-2

STATE OF MONTANA

NUMBER AND PERCENTAGE OF VEHICLES OF EACH TYPE COUNTED AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO CORRESPONDING DATA FOR 1954

TYPE OF VEHICLE	NUMBER COUNTED DURING PERIOD			PERCENTAGE OF TOTAL NUMBER OF VEHICLES			PERCENTAGE OF TOTAL NUMBER OF TRUCKS AND COMBINATIONS			TRUCKS AND COMBINATIONS WEIGHED		PERCENTAGE WEIGHED OF TOTAL COUNTED BY TYPES	
	1955	1954	1955:1954	1955	1954	1955:1954	1955	1954	1955:1954	1955	1954	1955	1954
PASSENGER CARS													
LOCAL	16643	14268	1.1665	48.89	48.25	1.0133	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
FOREIGN	10805	10332	1.0458	31.74	34.94	0.9084	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
SUBTOTAL PASSENGER CARS	27448	24600	1.1158	80.63	83.19	0.9692	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
TRUCKS, SINGLE-UNIT													
PANEL AND PICKUP (UNDER 1½ TONS)	2852	2010	1.4189	8.38	6.80	1.2324	44.20	41.79	1.0576	303	565	10.62	28.11
OTHER 2 AXLE, 4-TIRED	176	204	0.8627	0.52	0.69	0.7536	2.73	4.24	0.6439	37	58	21.02	28.43
OTHER 2 AXLE, 6-TIRED	1887	1378	1.3694	5.54	4.66	1.1888	29.24	28.65	1.0206	991	1163	52.52	84.40
3 AXLE	183	166	1.1024	0.54	0.56	0.9643	2.84	3.45	0.8232	128	155	69.95	93.37
SUBTOTAL SINGLE-UNIT	5098	3758	1.3566	14.98	12.71	1.1786	79.01	78.13	1.0113	1459	1941	28.62	51.65
TRACTOR-SEMITRAILER COMBINATIONS													
3 AXLE	332	209	1.5885	0.97	0.71	1.3662	5.15	4.35	1.1839	245	197	73.80	94.26
4 AXLE	187	144	1.2986	0.55	0.49	1.1224	2.90	2.99	0.9699	161	133	86.10	92.36
5 AXLE OR MORE	447	382	1.1702	1.31	1.29	1.0155	6.93	7.94	0.8728	401	364	89.71	95.29
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	966	735	1.3143	2.83	2.49	1.1365	14.98	15.28	0.9804	807	694	83.54	94.42
COMBINATIONS INVOLVING FULL TRAILERS													
4 AXLE-(1)	104	55	1.8909	0.30	0.19	1.5789	1.61	1.14	1.4123	31	47	29.81	85.45
5 AXLE	255	223	1.1435	0.75	0.75	1.0000	3.95	4.64	0.8513	188	206	73.73	92.38
6 AXLE OR MORE	29	39	0.7436	0.09	0.13	0.6923	0.45	0.81	0.5556	26	38	89.66	97.44
SUBTOTAL TRUCK-TRAILER COMBINATIONS	388	317	1.2240	1.14	1.07	1.0654	6.01	6.59	0.9120	245	291	63.14	91.80
SUBTOTAL ALL COMBINATIONS	1354	1052	1.2871	3.97	3.56	1.1152	20.99	21.87	0.9598	1052	985	77.70	93.63
SUBTOTAL TRUCKS & COMBINATIONS	6452	4810	1.3414	18.95	16.27	1.1647	100.00	100.00	1.0000	2511	2926	38.92	60.83
BUSSES	144	159	0.9057	0.42	0.54	0.7778							
TOTAL VEHICLES	34044	29569	1.1513	100.00	100.00	1.0000							

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE-AXLE FULL TRAILER.

TABLE W-3

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY VEHICLES COUNTED, AVERAGE TOTAL WEIGHTS, AND AVERAGE EMPTY WEIGHTS OF TRUCKS AND COMBINATIONS OF EACH TYPE AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO CORRESPONDING DATA FOR 1954.

VEHICLE TYPE AND SURVEY YEAR	LOADED & EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	NUMBER COUNTED	AVERAGE TOTAL WEIGHT	PERCENT OF TOTAL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT	PERCENT OF TOTOL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT
SINGLE-UNIT TRUCKS, (UNDER 1½ TONS CAPACITY)								
YEAR 1955	2852	5033	49.50	1412	5873	50.50	1440	4210
YEAR 1954	2010	4708	44.07	886	5433	55.93	1124	4137
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 4-TIRED								
YEAR 1955	176	6959	78.38	138	7521	21.62	38	4925
YEAR 1954	204	7050	58.62	120	8212	41.38	84	5404
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 6-TIRED								
YEAR 1955	1887	12777	64.78	1222	15304	35.22	665	8129
YEAR 1954	1378	11982	58.73	809	14470	41.27	569	8443
SINGLE-UNIT TRUCKS, 3 AXLE								
YEAR 1955	183	24954	65.63	120	30336	34.37	63	14680
YEAR 1954	166	24306	65.81	109	29269	34.19	57	14755
SUBTOTAL, SINGLE-UNIT TRUCKS								
YEAR 1955	5098	8681	56.73	2892	10952	43.27	2206	5703
YEAR 1954	3758	8368	51.20	1924	10757	48.80	1834	5861
TRACTOR-SEMITRAILERS, 3 AXLE								
YEAR 1955	332	26709	66.53	221	31279	33.47	111	17623
YEAR 1954	209	26940	68.53	143	31073	31.47	66	17942
TRACTOR-SEMITRAILERS, 4 AXLE								
YEAR 1955	187	37402	62.73	117	45993	37.27	70	22940
YEAR 1954	144	40820	78.95	114	45622	21.05	30	22811
TRACTOR-SEMITRAILERS, 5 AXLE OR MORE								
YEAR 1955	447	50049	75.06	336	56775	24.94	111	29803
YEAR 1954	382	50116	77.20	295	55720	22.80	87	31142
SUBTOTAL, TRACTOR-SEMITRAILER COMBINATIONS								
YEAR 1955	966	39579	69.77	674	46543	30.23	292	23528
YEAR 1954	735	41705	75.10	552	47250	24.90	183	25016
COMBINATIONS INVOLVING FULL TRAILERS, 4 AXLE (1)								
YEAR 1955	104	38774	58.06	60	48711	41.94	44	25015
YEAR 1954	55	33213	34.04	19	49125	65.96	36	25000
COMBINATIONS INVOLVING FULL TRAILERS, 5 AXLE								
YEAR 1955	255	58335	67.02	171	72760	32.98	84	29019
YEAR 1954	223	50425	50.97	114	71264	49.03	109	28761
COMBINATIONS INVOLVING FULL TRAILERS, 6 AXLES OR MORE								
YEAR 1955	29	50854	80.77	23	55119	19.23	6	32940
YEAR 1954	39	48861	71.05	28	55452	28.95	11	32682
SUBTOTAL, TRUCK-TRAILER COMBINATIONS								
YEAR 1955	388	52533	65.46	254	65482	34.54	134	27880
YEAR 1954	317	47246	50.79	161	65901	49.21	156	28170
SUBTOTAL ALL COMBINATIONS								
YEAR 1955	1354	43291	68.54	928	51727	31.46	426	24897
YEAR 1954	1052	43375	67.78	713	51462	32.22	339	26467
TOTAL ALL TYPES								
YEAR 1955	6452	15944	59.21	3820	20858	40.79	2632	8810
YEAR 1954	4810	16024	54.82	2637	21763	45.18	2173	9076

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE AXLE (DOLLY) FULL TRAILERS.

TABLE W-3P STATE OF MONTANA

AVERAGE LOADED WEIGHT AND AVERAGE EMPTY WEIGHT OF EACH TYPE OF PRIVATELY OPERATED TRUCK AND TRUCK COMBINATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO SIMILAR DATA FOR 1954.

VEHICLE TYPES	LOADED AND EMPTY VEHICLES COUNTED			LOADED VEHICLES			EMPTY VEHICLES		
	TOTAL ALL COUNTED (PRIVATE AND FOR-HIRE)	PERCENTAGE PRIVATE EACH TYPE	ESTIMATED NUMBER PRIVATE	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE LOADED WEIGHT lbs.	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE EMPTY WEIGHT lbs.
TRUCKS, SINGLE UNITS									
PANELS AND PICKUPS									
1955	2852	98.35	2805	49.33	1384	5885	50.67	1421	4216
1954	2010	98.94	1989	44.01	875	5440	55.99	1114	4134
OTHER 2 AXLE, 4-TIRED									
1955	176	97.30	171	77.78	133	7418	22.22	38	4925
1954	204	96.55	197	58.93	116	8276	41.07	81	5413
OTHER 2 AXLE, 6-TIRED									
1955	1887	94.25	1778	64.45	1146	15313	35.55	632	8079
1954	1378	95.10	1310	57.87	758	14463	42.13	552	8437
3 AXLE									
1955	183	87.50	160	64.29	103	30579	35.71	57	14345
1954	166	93.55	155	66.90	104	29293	33.10	51	14438
SUBTOTAL SINGLE UNITS									
1955	5098	96.39	4914	56.29	2766	10784	43.71	2148	5634
1954	3758	97.15	3651	50.75	1853	10647	49.25	1798	5805
TRACTOR SEMITRAILER COMBINATIONS									
3 AXLE									
1955	332	43.27	144	65.09	94	31226	34.91	50	16432
1954	209	46.19	97	60.44	59	31044	39.56	38	16914
4 AXLE									
1955	187	66.46	124	58.88	73	46668	41.12	51	22861
1954	144	56.39	81	72.00	58	42494	28.00	23	21714
5 AXLE OR MORE									
1955	447	39.15	175	63.69	111	61190	36.31	64	30025
1954	382	40.93	156	66.44	104	59879	33.56	52	31136
SUBTOTAL TRACTOR SEMITRAILER COMBINATIONS									
1955	966	45.86	443	62.75	278	47245	37.25	165	23692
1954	735	45.44	334	66.17	221	47618	33.83	113	24436
COMBINATIONS INVOLVING FULL TRAILERS									
4 AXLE OR LESS(1)									
1955	104	22.58	23	85.71	20	29517	14.29	3	18700
1954	55	23.40	13	54.55	7	32183	45.45	6	22500
5 AXLE									
1955	255	17.02	43	50.00	22	69350	50.00	21	28213
1954	223	18.45	41	55.26	23	68167	44.74	18	28153
6 AXLE OR MORE									
1955	29	0.00							
1954	39	10.53	4	25.00	1	79000	75.00	3	30933
SUBTOTAL TRUCK-TRAILER COMBINATIONS									
1955	388	17.01	66	63.64	42	50382	36.36	24	27024
1954	317	18.30	58	53.45	31	60391	46.55	27	27206
SUBTOTAL ALL COMBINATIONS									
1955	1354	37.59	509	62.87	320	47657	37.13	189	24115
1954	1052	37.26	392	64.29	252	49189	35.71	140	24970
TOTAL ALL TRUCKS AND TRUCK COMBINATIONS									
1955	6452	84.05	5423	56.91	3086	14607	43.09	2337	7129
1954	4810	84.05	4043	52.07	2105	15261	47.93	1938	7189

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE AXLE (DOLLY) FULL TRAILERS.

TABLE W-3F.H. STATE OF MONTANA

TRUCKS AND TRUCK COMBINATIONS OPERATED FOR-HIRE WITH AVERAGE LOADED WEIGHT AND AVERAGE EMPTY WEIGHT OF EACH TYPE AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO SIMILAR DATA FOR 1954.

VEHICLE TYPES	LOADED AND EMPTY VEHICLES COUNTED			LOADED VEHICLES			EMPTY VEHICLES		
	TOTAL ALL COUNTED (PRIVATE AND FOR-HIRE)	PERCENTAGE FOR-HIRE EACH TYPE	ESTIMATED NUMBER FOR-HIRE	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE LOADED WEIGHT lbs.	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE EMPTY WEIGHT lbs.
TRUCKS, SINGLE UNITS									
PANELS AND PICKUPS									
1955	2852	1.65	47	60.00	28	5267	40.00	19	3750
1954	2010	1.06	21	50.00	11	4833	50.00	10	4500
OTHER 2 AXLE, 4-TIRED									
1955	176	2.70	5	100.00	5	10400	0.00		
1954	204	3.45	7	50.00	3	6100	50.00	4	5200
OTHER 2 AXLE, 6-TIRED									
1955	1887	5.75	109	70.18	76	15168	29.82	33	9094
1954	1378	4.90	68	75.44	51	14567	24.56	17	8650
3 AXLE									
1955	183	12.50	23	75.00	17	28875	25.00	6	18025
1954	166	6.45	11	50.00	6	28800	50.00	5	17800
SUBTOTAL SINGLE UNITS									
1955	5098	3.61	184	68.48	126	14628	31.52	58	8267
1954	3758	2.85	107	66.36	71	13904	33.64	36	8385
TRACTOR SEMITRAILER COMBINATIONS									
3 AXLE									
1955	332	56.73	188	67.63	127	31318	32.37	61	18602
1954	209	53.81	112	75.47	85	31093	24.53	27	19365
4 AXLE									
1955	187	33.54	63	70.37	44	44874	29.63	19	23156
1954	144	43.61	63	87.93	55	48933	12.07	8	26100
5 AXLE OR MORE									
1955	447	60.85	272	82.38	224	54578	17.62	48	29509
1954	382	59.07	226	84.65	191	53458	15.35	35	31152
SUBTOTAL TRACTOR SEMITRAILER COMBINATIONS									
1955	966	54.14	523	75.53	395	46019	24.47	128	23368
1954	735	54.56	401	82.54	331	46963	17.46	70	26028
COMBINATIONS INVOLVING FULL TRAILERS									
4 AXLE OR LESS (1)									
1955	104	77.42	81	50.00	41	58308	50.00	40	25542
1954	55	76.60	42	27.78	12	59290	72.22	30	25481
5 AXLE									
1955	255	82.98	212	70.51	149	73255	29.49	63	29300
1954	223	81.55	182	50.00	91	72038	50.00	91	28885
6 AXLE OR MORE									
1955	29	100.00	29	80.77	23	55119	19.23	6	32940
1954	39	89.47	35	76.47	27	54546	23.53	8	33338
SUBTOTAL TRUCK-TRAILER COMBINATIONS									
1955	388	82.99	322	66.15	213	68420	33.85	109	28121
1954	317	81.70	259	50.19	130	67228	49.81	129	28370
SUBTOTAL ALL COMBINATIONS									
1955	1354	62.41	845	71.95	608	53867	28.05	237	25554
1954	1052	62.74	660	69.85	461	52678	30.15	199	27546
TOTAL ALL TRUCKS AND TRUCK COMBINATIONS									
1955	6452	15.95	1029	71.33	734	47131	28.67	295	22155
1954	4810	15.95	767	69.36	532	47503	30.64	235	24611

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE AXLE (DOLLY) FULL TRAILERS.

TABLE W-4

STATE OF MONTANA

NUMBER OF AXLE LOADS OF VARIOUS MAGNITUDES OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE WEIGHED AND THE PROBABLE NUMBER OF SUCH LOADS OF EACH GENERAL TYPE AND OF ALL TYPES COUNTED AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO SIMILAR DATA IN 1954.

AXLE LOADS IN POUNDS	SINGLE UNIT TRUCKS										TRACTOR-SEMITRAILER COMBINATIONS								COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
	PANEL & PICKUP UNDER 1½ TONS		OTHER 2 AXLE 4-TIRED		OTHER 2 AXLE 6-TIRED		3 AXLE		ALL SINGLE UNIT TRUCKS		3 AXLE		4 AXLE		5 AXLE OR MORE		ALL TRACTOR SEMITRAILER COMBINATIONS		4 AXLE OR LESS		5 AXLE		6 AXLE		ALL TRUCK-TRAILER COMBINATIONS					
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
UNDER 8,000	604	1130	73	114	1487	1845	204	266	9156	6892	401	308	314	214	623	512	1603	1096	49	114	281	464	82	121	625	761	2228	1857	11384	8749
8,000 - 8,499	2		1		26	39	13	27	92	75	17	21	25	29	126	136	193	196	10	16	34	42	8	18	86	83	279	279	371	354
8,500 - 8,999					27	34	18	12	77	53	15	9	26	19	154	133	222	170	8	5	37	40	6	11	82	60	304	230	381	283
9,000 - 9,499					25	30	12	15	65	52	15	13	26	17	92	85	153	121		4	42	52	6	6	64	67	217	188	282	240
9,500 - 9,999					25	21	14	14	68	40	15	12	6	17	68	78	103	113	3	5	41	18	5	6	71	32	174	145	242	185
10,000 - 10,999				1	46	58	22	24	119	98	18	25	19	18	111	128	170	180	5	4	8	8	10	12	38	26	208	206	327	304
11,000 - 11,999					56	51	11	17	122	79	20	26	31	20	122	144	199	200	2	1	7	6	7	10	24	18	223	218	345	297
12,000 - 12,999					61	48	17	17	140	75	47	29	21	22	176	162	284	225	2	1	3	12	7	14	18	28	302	253	442	328
13,000 - 13,999					64	49	14	15	142	74	55	47	20	27	159	124	275	209	7		23	18	12	17	66	37	341	246	483	320
14,000 - 14,999					44	44	33	18	131	71	53	37	48	30	137	138	280	216	3	1	72	49	10	9	118	63	398	279	529	350
15,000 - 15,999					31	38	16	18	82	64	26	26	47	47	163	137	272	222	3		157	140	1	2	223	154	495	376	577	440
16,000 - 16,999					32	30	8	11	72	47	17	14	22	22	52	31	107	71	3	6	62	70		2	93	85	200	156	272	203
17,000 - 17,999				1	38	23	2	6	75	37	20	15	24	32	10	6	66	57	22	17	154	102	2		279	130	345	187	420	224
18,000 - 18,999					15	13		1	28	17	12	8	9	13	5	2	32	25	2	7	16	9			28	18	60	43	88	60
19,000 - 19,999					4	2		2	8	5	1	1	5	4	3	4	11	10			3				4		15	10	23	15
20,000 - 21,999						1		2		3	2		1	1	3		7	1		2						2	7	3	7	6
22,000 - 23,999					1				2		1				1		2										2		4	
TOTAL AXLES WEIGHED	606	1130	74	116	1982	2326	384	465	XXXX	XXXX	735	591	644	532	2005	1820	XXXX	XXXX	119	183	940	1030	156	228	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
TOTAL AXLES COUNTED	5704	4020	352	408	3774	2756	549	498	10379	7682	996	627	748	576	2235	1910	3979	3112	370	215	1275	1115	174	234	1819	1564	5798	4676	16177	12358

TABLE W-5

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE OF VARIOUS TOTAL WEIGHTS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955 COMPARED TO CORRESPONDING DATA FOR 1954.

TOTAL WEIGHT IN POUNDS	SINGLE UNIT TRUCKS										TRACTOR-SEMITRAILER COMBINATIONS								COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
	PANEL & PICKUP UNDER 1½ TONS		OTHER 2 AXLE 4-TIRED		OTHER 2 AXLE 6-TIRED		3 AXLE		ALL SINGLE UNIT TRUCKS		3 AXLE		4 AXLE		5 AXLE OR MORE		ALL TRACTOR SEMITRAILER COMBINATIONS		4 AXLE OR LESS		5 AXLE		6 AXLE		ALL TRUCK-TRAILER COMBINATIONS					
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
UNDER 6,000	246	502	12	23	50	48			2468	1924																			2468	1924
6,001 - 8,000	42	56	16	22	156	208			768	523																			768	523
8,001 - 10,000	9	7	6	8	177	262	2	2	453	366	1						1										1		454	366
10,001 - 12,000	6		3	4	121	181	4	11	307	240	4	2					5	2									5	2	312	242
12,001 - 14,000					93	111	14	16	197	149	7	11		1			10	13									10	13	207	162
14,001 - 16,000					99	87	16	15	211	119	16	7	2	2			24	10									24	10	235	129
16,001 - 18,000					114	93	8	6	229	117	30	16	1				42	17	1					3			45	17	274	134
18,001 - 20,000					75	71	6	11	151	96	15	15	10	3			32	19	1	1				3	1		35	20	186	116
20,001 - 22,000					58	52	7	12	120	74	17	12	14	9	1		40	22	1	3				3	3		43	25	163	99
22,001 - 24,000					33	36	5	8	70	51	9	11	15	4	2	1	32	17	4	3		3		13	7		45	24	115	75
24,001 - 26,000					13	9	6	12	33	24	10	17	8	8	18	8	43	35	5	13	6	8			25	24	68	59	101	83
26,001 - 28,000					1	2	9	7	15	10	14	12	11	5	13	6	46	24	4	12	16	21			35	37	81	61	96	71
28,001 - 30,000				1	1		6	11	10	15	18	16	5	2	19	27	51	47	2	3	20	40		1	34	48	85	95	95	110
30,001 - 32,000						2	6	7	9	10	31	17	3	6	28	21	77	47			15	25	1	2	22	29	99	76	108	86
32,001 - 34,000							6	4	9	4	18	8	7	3	17	18	51	31		2	4	5	4	10	10	18	61	49	70	53
34,001 - 36,000							6	12	9	13	11	20	4	3	14	10	35	35									35	35	44	48
36,001 - 38,000							11	3	16	3	18	16	6	5	10	12	43	35					2	1	2	1	45	36	61	39
38,001 - 40,000							6	4	9	4	13	9	2	7	7	9	28	27			2				3		31	27	40	31
40,001 - 42,000						1	10	7	14	9	6	7	5	8	10	6	25	22				1	1	1	1	2	26	24	40	33
42,001 - 45,000								3		3	6	1	8	7	13	13	32	22				1	2	1	2	2	34	24	34	27
45,001 - 50,000								4		4			10	14	27	19	42	35	1		1		1	3	6	3	48	38	48	42
50,001 - 55,000											1		29	26	32	54	71	85	2	1		1	4	4	11	6	82	91	82	91
55,001 - 60,000													21	19	58	44	89	67	3	2	2	2	3	4	16	9	105	76	105	76
60,001 - 65,000														1	50	55	56	59	7	6	4	6	2	7	31	21	87	80	87	80
65,001 - 70,000															51	44	57	46		1	15	6	3	1	24	9	81	55	81	55
70,001 - 75,000															28	14	31	15			58	63	3	2	82	70	113	85	113	85
75,001 - 80,000															3	2	3	2			41	24		1	56	27	59	29	59	29
80,001 - 85,000																					4				6		6		6	
85,001 - 90,000																1		1										1		1
TOTAL VEHICLES WEIGHED	303	565	37	58	991	1163	128	155	XXXX	XXXX	245	197	161	133	401	364	XXXX	XXXX	31	47	188	206	26	38	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
TOTAL VEHICLES COUNTED	2852	2010	176	204	1887	1378	183	166	5098	3758	332	209	187	144	447	382	966	735	104	55	255	223	29	39	388	317	1354	1052	6452	4810

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW									PERCENTAGE OVER A.A.S.H.O.								
																	AXLE LOAD						MAXIMUM AXLE GROUP			AXLE LOAD						MAXIMUM AXLE GROUP		
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																	
1	3-2	Gas	H	690	85	138	139	163	165		18.4	4.4	13.9	18.4		55.1															B-D	4.6
	3S2	Prod.	P	615	78	144	144	124	125		14.4	4.2	23.2	4.0		45.8															B-E	0.4
	3S2	Frt.	H	635	78	146	147	132	132		11.8	4.3	19.5	4.2		39.8														4.4	B-E	9.3
	3S2	Frt.	H	633	97	129	129	139	139		12.9	4.0	22.7	4.2		43.8															B-E	0.2
	3-2	Gas	P	755	89	157	158	174	177		17.1	4.4	15.5	18.8		55.8							B-D	1.9						4.0	B-D	11.4
	3S2	Frt.	H	651	85	141	142	141	142		13.1	4.4	23.1	4.4		45.0														0.7	B-E	4.2
	3S2	Prod.	P	684	100	148	148	144	144		15.3	4.4	24.6	4.4		48.7														1.2	B-E	5.9
	3-2	Gravel	H	820	111	176	177	180	176		15.2	4.4	21.7	14.0		55.3						7.9	B-C	10.3						14.0	B-E	16.6
	3S2	Meat	P	740	84	162	162	166	166		18.2	4.0	24.8	4.4		51.4						1.6	B-E	5.7						7.1	B-E	18.9
	3S2	Prod.	P	633	80	151	151	125	126		11.1	4.4	23.7	4.2		43.7																	
	3S2	Conc. Blocks	P	693	80	154	154	152	153		14.1	4.6	24.5	4.0		47.2														4.8	B-E	11.1
	3S2	Milk	P	650	89	143	143	137	138		17.4	4.4	25.0	4.4		51.2															B-E	0.2
	2S1-2	Frt.	H	731	99	168	147	180	137		9.7	18.2	9.1	19.0		56.0														0.7	A-E	1.7
	3S2	Frt.	H	639	87	140	140	136	136		11.5	4.4	20.6	4.3		40.8														3.8	B-E	6.6
	3S2	Corn	P	635	81	131	131	146	146		9.7	4.2	24.8	4.0		42.7														0.6	B-E	0.4
	3S2	Frt.	H	593	82	115	116	140	140		15.8	4.5	17.8	4.2		42.3															B-E	2.0
	3S2	Frt.	H	639	80	152	153	127	127		15.2	4.4	24.8	4.0		48.4															B-E	1.3
	3S2	Logs	P	692	67	153	154	159	159		15.5	4.2	20.2	4.0		43.9						1.8	B-E	8.1						8.3	B-E	22.7
	2S2	Frt.	H	561	88	158	157	158			9.2	18.1	4.0			31.3														4.9	B-D	3.5
	3S2	Prod.	P	720	99	150	150	160	161		17.4	4.4	25.2	4.2		51.2							D-E	0.3						4.2	B-E	10.9
	2S2	Lumber	P	533	55	162	158	158			13.5	18.3	4.0			35.8															B-D	4.6
	3S2	Flour	H	694	89	151	151	151	152		13.4	4.2	23.6	4.2		45.4						2.1								7.3	B-E	11.4
	3S2	Explos.	P	663	82	139	140	151	151		11.9	4.3	24.2	4.3		44.7														2.6	B-E	5.3
	3-2	Gravel	P	808	110	174	174	176	174		15.3	4.3	21.9	14.0		55.5						5.8	B-D	8.8						11.3	B-E	14.8
	3S2	Meat	H	647	100	136	136	137	138		12.9	4.2	22.9	4.0		44.0														1.3	B-E	2.3
	3	Lumber	P	400	69	165	166				14.5	4.2				18.7							B-C	3.4							B-C	3.4

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLE GROUP		AXLE LOAD						MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
1	3S2	Frt.	H	700	85	162	163	145	145		15.8	4.4	24.0	4.3		48.5														3.5	B-E	11.5
	3-2	Gas	H	759	95	156	156	176	176		13.1	4.2	18.4	19.9		55.6														4.6	B-E	5.2
	3S2	Groc.	P	684	89	136	136	161	162		14.5	4.0	22.9	4.3		45.7							D-E	0.9						4.6	B-E	11.2
	3-2	Gas	H	745	89	150	150	177	179		14.2	4.4	17.0	20.4		56.0														2.6	B-D	6.5
	3S2	Prod.	P	676	82	154	154	143	143		12.0	4.3	23.7	4.2		44.2														5.8	B-E	9.3
	3S2	Fruit	P	661	89	144	145	141	142		12.0	4.4	25.0	4.2		45.6														1.1	B-E	2.2
2	2S2	Hay	P	562	73	171	159	159			13.0	18.2	4.2			35.4															B-E	7.0
	3-2	Diesel	H	798	96	161	161	187	193		15.3	4.4	16.9	19.2		55.8			3.9	7.2		4.5	B-D	4.3			3.9	7.2		9.9	B-E	14.0
	3S2	Explos.	P	693	89	153	153	149	149		17.2	4.0	23.6	4.0		48.8														2.5	B-E	11.2
	3-2	Gas	H	742	90	152	152	173	175		18.4	4.3	13.2	20.5		56.4							B-D	2.8						2.2	B-D	13.4
	3-2	Gas	H	737	96	154	154	164	169		18.7	4.3	14.0	18.3		55.3							B-D	1.7						2.5	B-D	12.2
	3S2	Cement	H	716	93	158	158	154	153		15.3	4.2	27.7	4.0		51.2														3.7	B-E	8.1
	2S2	Gas	P	567	82	178	154	153			13.3	17.2	4.0			34.5															B-D	8.3
	2S2	Butane	H	592	96	178	159	159			15.3	21.8	4.0			41.1															B-D	0.8
	2-2	Butane	P	632	102	174	181	175			11.7	14.0	17.9			43.6		0.6								0.6						
	3-2	Gas	H	753	90	157	157	173	176		14.4	4.3	17.6	19.8		56.1														3.7	B-D	6.6
	3-2	Gas	H	740	84	154	155	175	172		13.7	4.3	18.2	19.7		55.9														1.9	B-E	5.2
	3-2	Gas	H	748	97	156	156	168	171		18.7	4.3	14.5	18.6		56.1							B-D	1.7						3.0	B-D	11.7
	3-2	Rd.Oil	H	762	99	159	159	172	173		18.2	4.2	18.5	15.2		56.1														5.0	B-E	12.0
	2S2	Mach.	P	557	61	203	146	147			11.7	27.7	4.0			43.4	12.8								12.8						
	3S2	Casing	P	664	110	129	129	148	148		16.5	4.3	18.4	4.0		43.2														5.2	B-E	10.6
	3	Wheat	P	405	74	165	166				14.0	4.0				18.0							B-C	3.4							B-C	3.4
	3-2	Rd.Oil	H	811	85	171	171	187	197		18.6	4.3	16.0	16.2		55.1			3.9	9.4		6.7	B-E	10.9			3.9	9.4		12.8	B-E	24.3
	3-2	Gas	P	746	101	145	145	178	177		17.0	4.3	15.4	19.5		56.2														2.8	B-E	7.5
	3S2	Mach.	P	679	83	151	151	147	147		15.7	4.0	25.3	4.2		49.2														0.4	B-E	6.5
	3-2	Gas	H	752	102	151	151	175	173		18.5	4.2	14.7	18.6		56.0							B-D	1.1						3.6	B-D	11.0

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
2	3-2	Gas	H	689	98	143	143	155	150		18.3	4.4	14.4	18.6		55.7															B-D	2.6
	3S2	Brick	P	614	66	123	123	151	151		12.3	4.3	21.5	4.0		42.1															B-E	4.1
	2S1	Frt.	H	420	56	188	176				13.0	22.4				35.4	4.4								4.4							
	3-2	Gas	P	746	93	156	156	168	173		17.3	4.0	13.7	20.5		55.5							B-D	3.4						2.8	B-D	14.1
3	3-2	Gas	H	740	95	151	151	173	170		15.3	4.3	17.0	19.3		55.9														1.9	B-D	6.0
	3-2	Gas	H	693	98	141	141	146	167		15.7	4.2	15.7	16.0		51.6															B-E	3.3
	3S2	Cement	H	700	68	159	159	157	157		16.8	4.3	22.3	4.0		47.5						0.6	B-E	4.7						5.8	B-E	18.2
	2S2	Feed	P	581	86	171	162	162			14.4	18.3	4.2			36.9							C-D	1.3							B-D	6.2
	3S2	Frt.	H	610	91	135	135	125	124		10.5	4.2	19.5	4.0		38.2														3.0	B-E	1.9
	3-2	Rd.Oil	H	762	93	158	158	174	179		18.2	4.0	18.5	18.0		58.7														4.0	B-E	8.6
	3-2	Rd.Oil	H	758	94	161	161	170	172		15.2	4.0	18.7	15.3		53.2						1.9	B-E	0.2						7.5	B-E	12.1
	3-2	Gas	H	748	94	157	158	172	167		18.4	4.3	14.3	18.8		55.8							B-E	3.2						3.0	B-E	13.3
	3-2	Gas	H	759	97	157	157	178	170		17.9	4.3	16.7	17.0		55.9							B-D	0.8						4.6	B-E	11.8
	3-2	Rd.Oil	H	757	98	156	156	172	175		18.4	4.4	16.8	18.6		58.2														3.3	B-E	8.4
	3-2	Rd.Oil	H	761	96	155	155	176	179		18.5	4.2	19.0	14.0		55.7							B-E	1.6						4.8	B-E	13.8
	3-2	Rd.Oil	H	773	95	160	161	181	176		14.2	4.3	20.4	15.2		54.1			0.6			2.8					0.6			8.6	B-E	11.5
	2-2	Rd.Oil	H	623	98	173	174	178			16.2	13.3	16.0			45.5															B-D	1.4
	3-2	Rd.Oil	H	759	99	157	158	171	174		18.2	4.3	13.9	19.8		56.2							B-D	4.7						4.6	B-D	15.5
	3-2	Rd.Oil	H	766	93	158	159	177	179		16.8	4.3	15.3	19.3		55.7						0.3	B-D	2.9						5.5	B-D	12.5
	3S2	Cement	H	721	94	156	155	158	158		16.0	4.5	28.5	4.3		53.3														2.3	B-E	7.3
	3-2	Gas	H	740	96	147	147	171	179		18.4	4.3	15.6	18.4		56.6														1.0	B-E	8.7
	3-2	Gas	P	756	93	159	158	170	176		19.3	4.3	13.0	19.0		55.6							B-D	6.8						4.1	B-D	18.3
	3S2	Meat	H	667	78	153	153	141	142		10.8	4.3	24.7	4.2		44.0														4.4	B-E	6.8
	3S2	Cement	P	710	79	155	156	160	160		16.6	4.3	24.6	4.2		49.7							B-E	1.7						3.9	B-E	14.4
	3S2	Lumber	P	653	73	139	140	150	151		15.3	4.3	22.5	4.0		46.1															B-E	8.4
	3S2	Lumber	P	620	71	121	121	153	154		15.3	4.3	17.0	4.0		40.6														0.7	B-E	13.5

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STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW									PERCENTAGE OVER A.A.S.H.O.								
																	AXLE LOAD						MAXIMUM AXLE GROUP			AXLE LOAD						MAXIMUM AXLE GROUP		
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
3	2S2	Lumber	P	516	63	172	141	140			13.2	16.0	4.0			33.2															B-D	3.2
	3S2	Rd.Oil	P	661	94	127	128	156	156		14.7	4.3	15.2	4.0		38.2							B-E	10.7						11.6	B-E	19.4
	3S2	Frt.	H	665	90	136	136	151	152		13.0	4.2	22.7	4.0		43.9														4.1	B-E	7.5
	2D	Pop	P	254	70	184					15.0					15.0	2.2									2.2							
	2S2	Gas	P	522	72	154	148	148			12.8	15.7	4.0			32.5															B-D	2.5
	*3S2	Mach.	H	773	79	181	181	166	166		17.7	4.3	24.7	4.3		51.0	0.6	0.6				6.2	B-E	11.8	0.6	0.6				11.9	B-E	25.8
	3-2	Rd.Oil	H	750	96	158	158	167	171		18.2	4.0	14.0	19.8		56.0							B-D	4.1						3.3	B-D	14.8
	3S2	Prod.	P	640	74	139	140	143	144		12.3	4.4	23.6	4.0		44.3														0.2	B-E	4.2
	3-2	Gas	P	727	94	152	153	166	162		16.3	4.3	16.3	18.4		55.3														1.1	B-E	5.5
	3S2	Frt.	H	646	89	135	136	143	143		11.5	4.3	24.4	4.2		44.4														1.1	B-E	1.0
	3S2	Frt.	H	643	89	136	136	141	141		11.4	4.3	24.8	4.0		44.5															B-E	0.4
	3-2	Lumber	P	681	88	144	144	150	155		19.0	4.2	16.7	14.7		54.6															B-E	2.9
4	3S2	Butane	H	685	65	153	153	157	157		14.0	4.2	30.2	4.0		52.4															B-E	4.7
	3S2	Frt.	H	578	89	112	113	132	132		10.6	4.2	16.6	4.0		35.4														1.8	B-E	1.1
	3-2	Gas	H	738	99	149	150	167	173		18.6	4.2	14.2	18.4		55.4							B-D	0.4						2.6	B-D	10.7
	2S2	Fruit	P	577	91	180	153	153			12.2	18.0	4.0			34.2														3.1	B-D	6.3
	2S2	Lumber	P	526	58	170	149	149			13.2	16.0	4.2			33.4															B-D	6.6
	2D	Wheat	P	260	66	194					13.2					13.2	7.8									7.8							
	2S2	Groc.	P	473	68	185	110	110			13.8	19.8	4.0			37.6	2.8									2.8							
	2D	Furn.	H	221	34	187					18.0					18.0	3.8									3.8							
5	3S2	Gas	H	648	77	133	132	153	153		12.8	4.2	12.6	4.2		33.8						3.0	B-E	17.0						15.8	B-E	27.5
	3-2	Gas	H	744	89	152	153	175	175		19.0	4.4	14.0	20.6		58.0							B-D	3.4						1.5	B-D	14.1
	2S2	Frt.	H	544	92	184	134	134			13.8	18.2	4.3			36.3	2.2									2.2							
	2S2	Mach.	P	576	89	168	159	160			13.0	19.3	4.4			36.7															B-D	2.6
	2S2	Prod.	P	583	91	174	159	159			14.4	19.6	4.2			38.2															B-D	3.6
	2S2	Mach.	H	522	89	185	124	124			16.0	17.6	4.2			37.8	2.8									2.8							

* Overload Permit

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP		AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
5	3-2	Gas	P	756	92	154	154	178	178		13.6	4.2	17.6	20.4		55.8														4.1	B-E	6.5
	3-2	Gas	H	725	91	140	140	178	176		19.4	4.3	16.8	19.4		59.9															B-E	3.0
	3S2	Frt.	H	565	93	110	110	126	126		9.6	4.2	15.6	4.2		33.6														0.9		
6	2S2	Frt.	H	523	86	196	108	133			13.2	18.6	4.2			36.0	8.9													8.9		
	3S2	Frt.	H	678	81	147	158	135	157		13.2	4.4	21.0	4.2		42.8							B-E	0.3						7.4	B-E	13.4
	2D	Sand	P	288	62	225					13.7					13.7	25.0													25.0		
	2S1	Cars	H	405	72	184	149				11.4	27.0				38.4	2.2													2.2		
	3-2	Gas	H	808	88	158	179	186	197		15.6	4.2	16.6	19.6		56.0			3.3	9.4		5.8	B-D	7.2			3.3	9.4		11.3	B-E	18.4
	3	Gravel	P	384	63	160	161				11.6	4.0				15.6							B-C	0.3							B-C	0.3
	2S2	Frt.	H	551	93	183	126	149			11.8	19.6	4.2			35.6	1.7													1.7		
	2S2	Frt.	P	522	58	193	124	147			12.6	18.0	4.2			34.8	7.2													7.2	B-D	1.5
	2D	Gravel	P	236	53	183					13.6					13.6	1.7													1.7		
	3S2	Rd.Oil	P	685	97	161	156	85	186		15.9	4.2	28.4	4.2		52.7				3.3								3.3			B-E	0.7
	3-2	Gas	P	731	95	153	147	167	169		18.8	4.0	14.7	17.8		55.3														1.7	B-E	8.9
	3-2	Gas	P	716	89	154	141	161	171		17.2	4.0	15.6	18.5		55.3															B-E	0.8
	3S2	Mach.	P	652	79	126	124	153	170		17.0	4.6	25.4	4.1		51.1															B-E	2.4
7	3-2	Gas	H	752	98	157	149	167	181		19.5	4.4	18.0	19.9		61.8				0.6								0.6		2.6	B-E	4.9
	3S2	Gas	H	708	94	163	156	137	158		18.2	4.4	28.6	4.2		55.4															B-E	5.1
	3S2	Gravel	P	663	65	149	147	153	149		12.8	4.0	17.3	4.4		38.5							B-E	6.6						10.5	B-E	21.5
	3-2	Rd.Oil	H	740	91	138	144	182	185		15.3	4.4	17.0	18.2		54.9			1.1	2.8							1.1	2.8		2.9	B-E	6.7
	3S2	Flour	P	713	82	157	154	191	129		16.9	4.6	30.0	4.2		55.7			6.1								6.1				B-E	5.1
	3S2	Mach.	P	721	75	112	110	204	220		18.2	4.2	16.7	4.4		43.5			13.3	22.2		6.0	D-E	32.5			13.3	22.2		12.9	B-E	33.6
	3S2	Mach.	P	729	80	151	148	176	174		14.0	4.0	21.3	4.0		43.3						7.2	B-E	10.7						15.5	B-E	25.3
	3S2	Prod.	P	675	80	154	155	133	153		12.3	4.2	25.6	4.0		46.1														3.2	B-E	6.3
	3S2	Gravel	P	673	65	149	146	158	155		12.8	4.0	17.3	4.4		38.5						0.2	B-E	8.4						12.1	B-E	23.5
	2S2	Grain	P	532	71	190	116	155			12.0	18.0	4.4			34.4	5.6													5.6		
	2S2	Grain	H	532	71	190	116	155			12.0	18.0	4.4			34.4	5.6													5.6	B-D	0.9

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP		AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
7	3S2	Mach.	P	670	84	151	145	149	141		15.3	4.0	24.4	4.0		47.7														0.2	B-E	7.9
	3-2	Gas	H	750	98	150	148	176	178		19.2	4.4	14.5	19.0		57.1							B-D	0.4						2.3	B-D	10.3
	3S2	Gravel	P	649	64	145	142	151	147		12.8	4.0	17.8	4.4		39.0							B-E	4.3						8.1	B-E	18.9
	3S2	Gravel	P	673	64	156	150	151	152		12.8	4.0	17.8	4.4		39.0						0.2	B-E	8.6						12.1	B-E	23.7
	3-3	Frt.	H	663	67	134	127	170	77	88	13.6	4.2	13.6	19.6	4.3	55.3															B-D	2.4
	3-2	Gas	H	726	95	140	140	175	176		16.9	4.4	14.0	20.0		55.3														1.0	B-D	8.1
	3-2	Gas	H	739	94	158	143	174	170		18.6	4.4	14.0	18.8		55.8							B-D	2.4						1.8	B-D	12.9
	2S1	Gravel	P	426	65	181	180				12.0	18.4				30.4	0.6								0.6							
	3-2	Gas	H	726	95	148	147	171	165		15.3	4.4	18.0	18.0		55.7														0.1	B-E	3.8
	2D	Gravel	P	257	75	182					12.5					12.5	1.1								1.1							
	3-2	Gas	H	735	82	148	155	174	176		13.2	4.2	18.9	20.0		56.3														1.3	B-E	3.4
	3-2	Gas	H	733	88	155	152	177	161		17.6	4.4	15.3	18.6		55.9							B-D	0.8						1.0	B-D	10.3
	3	Gravel	P	413	94	162	157				12.4	4.0				16.4														2.7		
	3S2	Wheat	P	672	98	151	151	117	155		13.6	4.4	21.7	4.0		43.7														5.2	B-E	9.0
	2D	Wheat	P	242	50	192					15.0					15.0	6.7								6.7							
	3-2	Gas	H	744	94	148	152	176	174		18.6	4.2	14.4	18.6		55.8							B-D	0.8						2.5	B-E	11.3
	3-2	Gas	H	753	93	156	153	176	175		18.6	4.0	14.4	18.4		55.4							B-D	4.5						4.7	B-D	15.3
	3S2	Gravel	P	706	66	160	150	165	165		12.6	4.0	19.8	4.0		40.4						3.8	B-E	10.7						16.1	B-E	25.6
	3-2	Gas	H	726	87	134	157	172	176		16.8	4.3	15.1	19.4		55.6														0.1	B-D	7.7
	2S1	Gravel	P	433	67	184	182				11.9	18.4				30.3	2.2	1.1							2.2	1.1						
	3S2	Wheat	P	665	90	154	153	114	154		13.6	4.2	21.7	4.0		43.5														4.1	B-E	9.2
	2-2	Rd.Oil	H	570	71	185	151	163			13.1	13.4	16.6			43.1	2.8								2.8							
	3S2	Gravel	P	690	64	156	152	161	157		12.6	4.2	19.8	4.0		40.6						1.4	B-E	8.3						12.0	B-E	22.9
	3S2	Gravel	P	673	66	156	148	153	150		12.6	4.2	19.8	4.0		40.6							B-E	5.0						9.3	B-E	19.1
	3-2	Gas	H	705	89	143	146	164	163		17.4	4.3	15.0	18.4		55.1															B-D	5.4
	3-2	Gas	H	741	92	154	152	171	172		17.5	4.3	13.1	18.8		53.7							B-D	4.6						4.1	B-D	15.9

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
7	2D	Grain	P	236	52	184					14.9					14.9	2.2								2.2							
	2S2	Frt.	H	559	86	190	130	153			11.4	21.4	4.1			36.9	5.6								5.6							
	2D	Wheat	P	250	62	188					14.9					14.9	4.4								4.4							
	2S1	Cement	H	399	40	202	157				11.3	12.8				24.1	12.2								12.2							
	2S1	Cement	H	401	48	182	171				10.9	12.6				23.5	1.1								1.1							
	3-2	Gas	H	755	96	159	155	171	174		13.2	4.4	18.7	19.5		55.8														4.0	B-E	4.4
	2D	Meat	P	234	51	183					15.0					15.0	1.7								1.7							
	2S2	Wheat	P	540	73	197	112	158			12.0	18.0	4.4			34.4	9.4								9.4						B-D	2.2
	3S2	Brick	P	674	72	161	151	162	128		15.3	4.3	16.4	4.3		40.3							B-E	9.0						10.9	B-E	24.5
	3S2	Wheat	P	723	91	168	165	129	170		13.6	4.0	21.8	4.0		43.4						6.3	B-E	6.2						14.5	B-E	20.0
	3-2	Gas	H	734	92	151	151	171	169		18.6	4.0	14.2	18.4		55.2							B-D	1.9						2.1	B-D	12.4
	3-2	Gas	H	733	86	154	153	170	170		14.4	4.4	17.0	20.0		55.8														1.0	B-D	6.5
	3-2	Gas	H	766	97	148	165	175	181		17.6	4.4	15.0	18.6		55.6						0.3	B-D	3.4						5.5	B-D	13.5
	3-2	Gas	H	751	96	146	150	180	179		13.6	4.4	18.4	20.0		56.4														3.5	B-E	3.8
	3-2	Gas	H	745	91	157	152	177	168		13.3	4.4	17.6	20.0		55.3														3.6	B-D	6.3
	2S2	Mach.	H	555	76	185	134	160			10.0	21.4	4.2			35.6	2.8								2.8							
	3S2	Meat	P	661	91	146	147	120	157		17.6	4.3	25.3	4.2		51.4															B-E	1.8
	3-2	Gas	H	728	92	155	143	168	170		17.7	4.0	14.6	18.0		54.3														2.2	B-E	8.9
	3-2	Gas	H	754	90	150	157	179	178		17.6	4.2	15.0	18.6		55.4							B-D	3.0						4.9	B-D	13.0
	3-2	Cement	H	720	100	140	147	167	166		17.8	4.4	13.3	17.7		53.2														2.1	B-E	9.2
	3-2	Gas	H	722	85	149	150	169	169		18.4	4.4	14.2	19.0		56.0															B-D	8.9
	3-2	Gas	H	729	98	143	138	176	174		13.2	4.4	13.6	19.0		50.2						1.3								6.7	B-D	8.6
	3-2	Gas	H	740	101	149	146	171	173		16.6	4.4	16.0	18.8		55.8														1.9	B-E	6.5
	3S2	Groc.	P	698	84	149	157	154	154		15.0	4.0	27.0	4.0		50.0														2.1	B-E	8.1
	3-2	Rd.Oil	H	700	87	153	119	167	174		17.0	4.4	15.6	18.0		55.0															B-E	3.5
	3-2	Gas	H	733	93	155	143	169	173		17.2	4.0	15.0	18.9		55.1														1.9	B-D	8.6

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
7	3-2	Gas	H	725	91	143	155	166	170		18.5	4.4	14.0	19.0		55.9															B-D	8.5
	3-2	Gas	H	727	94	150	151	164	168		17.8	4.4	16.4	16.9		55.5														0.2	B-E	6.9
8	3-2	Gas	H	756	94	158	157	172	175		18.6	4.0	14.6	17.8		55.0							B-D	3.2						5.1	B-E	14.9
	3-2	Gas	H	720	95	146	146	169	164		16.6	4.4	16.2	18.8		56.0															B-E	4.1
	3-2	Gas	H	757	92	154	155	181	175		17.4	4.3	14.3	19.9		55.9			0.6				B-D	3.8			0.6			4.3	B-D	14.0
	2D	Wheat	P	253	64	189					12.3					12.3	5.0								5.0							
	2S1	Lumber	H	511	63	229	219				13.6	17.6				31.2	27.2	21.7							27.2	21.7					B-C	6.5
	3-2	Diesel	P	734	101	163	162	149	159		18.4	4.2	14.3	18.6		55.5							B-C	1.6						1.1	B-D	10.3
	2D	Wheat	P	226	45	181					12.6					12.6	0.6								0.6							
	3-2	Gas	H	748	93	152	153	173	177		18.8	4.3	13.7	18.7		55.5							B-D	3.0						3.0	B-D	13.6
	3-2	Diesel	H	764	97	159	160	173	175		18.7	4.0	14.6	17.8		55.1						0.5	B-E	3.3						6.3	B-E	15.8
	3-2	Gas	H	664	75	146	146	151	146		14.8	4.2	11.1	13.6		43.7							B-D	0.7						3.9	B-E	13.7
	3-2	Gas	H	744	90	150	150	177	177		17.0	4.3	15.0	19.2		55.5							B-D	1.1						2.5	B-D	11.0
	3S2	Gas	H	728	95	158	159	158	158		18.4	4.3	28.6	4.0		55.3														1.3	B-E	8.4
	3-2	Gas	H	747	95	150	149	176	177		18.4	4.4	14.0	19.2		56.0							B-D	2.9						2.9	B-D	12.9
	3-2	Gas	H	739	94	153	154	169	169		18.6	4.0	14.2	18.6		55.4							B-D	2.6						2.8	B-D	13.1
	3S2	Frt.	H	564	87	165	164	74	74		17.0	4.2	20.6	4.2		46.0							B-C	2.8							B-C	2.8
	3-2	Gas	H	755	95	154	153	177	176		16.7	4.2	14.0	19.8		54.7							B-D	4.3						5.0	B-D	15.0
	3S2	Gas	H	733	92	162	162	159	158		18.2	4.3	28.5	4.0		55.0							B-C	1.3						1.9	B-E	9.7
	3S2	Mach.	P	720	109	156	155	150	150		17.6	4.5	25.0	4.0		51.1														4.2	B-E	9.1
	3-2	Gas	H	750	90	156	156	175	173		17.6	4.3	16.5	19.3		57.7														2.3	B-D	8.7
	3-2	Gas	P	757	96	157	156	177	171		14.3	4.3	19.5	18.0		56.1														4.3	B-E	6.0
	3-2	Gas	H	755	94	154	153	176	178		17.5	4.3	15.0	18.5		55.3							B-D	2.3						5.0	B-D	12.4
	3-2	Gas	H	744	94	156	156	168	170		18.6	4.4	13.7	19.0		55.7							B-[illegible]	3.4						2.[illegible]	B-D	14.1
	2D	Wheat	P	210	28	182					13.2					13.2	1.1								1.1							
	3-2	Gas	H	747	95	152	152	172	176		18.7	4.3	13.8	18.8		55.6							B-[illegible]	2.[illegible]						2.[illegible]	B-D	13.1

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP		AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
8	3-2	Gas	H	675	88	145	145	151	146		14.9	4.2	11.1	13.6		43.8							B-D	0.2						5.7	B-E	13.3
	3-2	Gas	H	750	95	151	151	176	177		18.4	4.3	13.7	19.3		55.7							B-D	3.0						3.3	B-D	13.6
	3S2	Cement	H	708	74	157	156	161	160		16.6	4.3	25.8	4.0		50.7							B-E	0.8						2.5	B-E	13.3
	3-2	Rd.Oil	H	732	85	153	152	171	171		16.2	4.0	18.7	15.4		54.3														2.8	B-E	9.3
	2D	Wheat	P	220	29	191					13.2					13.2	6.1								6.1							
9	2D	Wheat	P	232	36	196					15.0					15.0	8.9								8.9							
	2-3	Rd.Oil	H	650	93	180	175	87	115		14.2	10.0	14.0	4.1		42.3							B-C	1.4						4.2	B-E	9.3
	2D	Peas	P	237	49	188					15.6					15.6	4.4								4.4							
	3-2	Fuel Oil	H	710	82	135	140	180	173		16.8	4.4	14.6	19.9		55.7															B-D	5.8
	3-2	Gas	H	744	95	147	156	176	170		16.3	4.4	16.4	18.6		55.7														2.5	B-E	8.1
	2D	Wheat	P	226	43	183					12.3					12.3	1.7								1.7							
	3	Cement	P	411	55	178	178				12.3	4.0				16.3							B-C	11.3						2.2	B-C	11.3
	3-2	Gas	H	743	101	135	151	179	177		18.3	4.4	13.8	19.4		55.9							B-D	0.2						2.4	B-D	10.5
10	3-2	Gas	H	768	96	158	159	176	179		18.4	4.4	14.0	18.6		55.4						1.1	B-D	6.3						6.8	B-D	17.2
	3-2	Lumber	P	641	79	143	143	140	136		15.2	4.0	14.7	14.3		48.2															B-E	1.9
	3-2	Gas	H	760	100	158	159	170	173		19.3	4.4	13.6	18.0		55.3							B-D	5.0						5.7	B-D	15.7
	3S2	Mach.	H	673	91	166	166	125	125		13.8	4.3	23.7	4.2		46.0							B-C	3.8						2.9	B-E	7.1
	3-2	Gas	H	763	91	160	161	177	174		18.0	4.2	14.1	19.8		56.1							B-D	7.3						5.1	B-D	18.3
	3-2	Diesel	H	746	89	159	159	171	168		17.3	4.0	15.4	19.3		56.0							B-D	3.6						2.8	B-D	13.7
	3-2	Acid	H	736	84	152	152	176	172		16.0	4.4	16.6	17.0		54.0														3.4	B-E	10.1
	2S2	Prod.	P	572	89	180	151	152			12.2	17.5	4.2			33.9														2.2	B-D	5.7
	3S2	Groc.	H	651	82	149	149	135	136		13.6	4.3	22.6	4.0		44.5														0.7	B-E	6.4
	3S2	Frt.	H	647	91	136	137	141	142		10.9	4.0	25.7	4.2		44.8														0.1		
	3S2	Logs	P	690	48	130	131	190	191		12.6	4.0	16.6	4.2		37.4			5.6	6.1		5.4	B-E	16.7			5.6	6.1		18.1	B-E	32.8
	3S2	Prod.	P	712	93	149	149	160	161		17.6	4.4	25.6	4.0		51.6							D-E	0.3						2.0	B-E	10.7
	3S2	Frt.	H	661	90	131	132	154	154		13.7	4.4	22.8	4.0		44.9														2.2	B-E	6.7

TABLE W-6 STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
10	3-2	Gas	H	747	83	154	154	178	178		15.8	4.4	16.8	19.6		56.6															1.9	B-D	8.5
	3-2	Gas	H	725	98	144	145	169	169		14.0	4.4	18.0	19.6		56.0																B-E	0.5
	3S2	Lumber	P	627	78	136	136	138	139		13.4	4.0	21.0	4.0		42.4															0.5	B-E	6.0
	2S2	Prod.	P	569	90	171	154	154			14.2	19.4	4.2			37.8																B-E	0.9
	3-2	Gas	H	727	95	145	145	171	171		18.9	4.4	12.4	18.0		53.7							B-D	1.1							2.1	B-D	12.0
	3S2	Mach.	H	591	76	151	151	106	107		16.0	4.0	17.7	4.0		41.7																B-E	4.6
	2S2	Meat	P	562	83	179	150	150			13.8	17.8	4.0			35.6																B-D	4.8
	3S2	Frt.	H	631	85	133	134	139	140		14.8	4.2	21.8	4.0		44.8																B-E	3.7
	3S2	Frt.	H	641	80	136	137	144	144		13.6	4.4	22.4	4.0		44.4															0.3	B-E	4.9
	3S2	Tin Cans	P	691	90	150	150	150	151		12.8	4.2	28.0	4.0		49.0															2.2	B-E	4.3
	2S1	Steel	P	389	62	130	197				13.3	19.6				32.9		9.4								9.4							
	2S2	Prod.	P	572	74	171	163	164			12.2	18.3	4.0			34.5							C-D	2.2							0.7	B-D	9.0
	3-2	Gas	H	729	88	152	152	171	166		17.3	4.4	15.6	19.5		56.8																B-E	5.4
	3S2	Brick	H	706	91	158	157	150	150		17.2	4.2	24.7	4.0		50.1															3.3	B-E	11.5
	3-2	Lumber	P	639	71	150	149	128	141		15.4	4.0	15.0	14.3		48.7																B-E	3.0
	3-2	Gas	H	760	91	158	158	177	176		19.3	4.3	13.3	18.3		55.2							B-D	6.3							5.7	B-D	17.2
	3S2	Prod.	P	679	96	148	147	144	144		11.1	4.1	22.2	4.0		41.4															10.3	B-E	10.7
	3S2	Prod.	P	712	85	154	153	160	160		17.2	4.2	25.0	4.0		50.4							B-E	1.0							4.2	B-E	13.7
	3-2	Gas	H	750	98	154	154	171	173		19.3	4.3	13.3	18.3		55.2							B-D	3.2							4.3	B-D	13.8
	3S2	Frt.	H	647	93	137	137	140	140		11.9	4.3	25.0	4.2		45.4															0.1		
	3-2	Gas	H	762	95	156	156	176	179		13.4	4.2	19.4	20.0		57.0															4.0	B-E	4.4
	3-2	Gas	P	761	95	160	160	172	174		18.0	4.4	14.0	18.6		55.0							B-D	6.0							5.8	B-D	16.9
	2S2	Frt.	H	591	94	172	163	162			13.3	18.5	4.2			36.0							C-D	1.6							2.6	B-D	6.7
	3S2	Logs	P	735	54	128	128	213	212		12.7	4.0	14.7	4.3		35.7			18.3	17.8		13.8	B-E	35.1			18.3	17.8		27.6	B-E	46.2
	2S2	Meat	P	416	100	181	68	67			13.0	19.2	4.0			36.2	0.6								0.6							
	3S2	Frt.	H	592	79	128	127	129	129		11.4	4.4	18.2	4.0		38.0																B-E	2.4

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
10	3S2	Frt.	H	651	91	127	126	154	153		12.3	4.4	24.3	4.2		45.2														0.7	B-E	1.5
	2S1-2	Frt.	H	757	99	163	171	160	164		9.7	17.2	8.8	18.6		54.3						0.7								6.3	B-E	1.8
	3S2	Frt.	H	654	84	143	142	143	142		13.4	4.0	22.8	4.2		44.4														2.4	B-E	6.6
11	2S1-2	Frt.	H	700	90	141	131	182	156		9.7	18.0	9.0	18.8		55.5			1.1									1.1					
	3S2	Logs	P	627	64	153	153	129	128		14.0	4.0	16.6	4.0		38.6							B-E	1.9						4.5	B-E	16.4
	2S2	Farm Mach.	P	575	72	179	162	162			13.0	17.6	4.0			48.4							B-D	1.4						1.2	B-D	10.1
	3S2	Milk	P	699	86	151	150	156	156		16.2	4.4	25.0	4.2		49.8														2.3	B-E	9.5
	3S2	Frt.	H	748	103	177	161	153	154		9.7	18.0	9.0	18.0		54.7														4.0		
	2S2	Beer	P	545	69	174	151	151			13.8	15.0	4.0			32.8							B-D	0.8							B-D	10.7
	3-2	Rd.Oil	H	757	89	155	154	177	182		15.2	4.2	17.0	18.2		54.6				1.1								1.1		5.3	B-E	11.3
	3S2	Prod.	P	686	79	147	147	157	156		16.8	4.4	25.2	4.2		50.6															B-E	8.4
	3S2	Groc.	P	692	70	154	153	158	157		17.0	4.4	24.5	4.0		49.9							B-E	2.4						1.2	B-E	12.8
	3-2	Cement	H	730	91	150	150	178	161		15.7	4.4	15.2	19.6		54.9														1.5	B-D	6.5
	3S2	Lumber	P	706	89	148	147	161	161		15.8	4.2	20.8	4.0		44.8						3.8	B-E	5.2						9.2	B-E	19.1
	3S2	Cement	P	725	85	160	160	160	160		17.2	4.2	34.4	4.0		59.8															B-E	1.4
	3-2	Rd.Oil	H	740	86	153	153	171	171		15.2	4.4	17.2	16.4		53.2														5.0	B-E	10.4
	3-2	Gas	H	767	94	157	156	180	180		17.5	4.4	15.0	18.4		55.3						0.9	B-D	4.4						6.7	B-D	14.7
	2-2	Rd.Oil	H	630	107	177	174	172			16.0	12.2	16.6			44.8															B-D	1.0
	3S2	Frt.	H	659	89	134	133	151	152		13.7	4.0	19.6	4.2		41.5														5.7	B-E	11.9
	3-3	Frt.	H	666	87	142	141	142	77	77	13.6	4.2	13.7	19.6	4.2	55.3															B-D	1.0
	3S2	Frt.	H	627	87	118	118	152	152		13.6	4.3	20.6	4.2		42.7															B-E	4.2
	3S2	Groc.	H	650	89	132	132	149	148		13.2	4.2	23.4	4.4		45.2														0.5	B-E	3.2
	3S2	Logs	P	662	64	153	152	147	146		14.1	4.0	16.6	4.0		38.7							B-E	8.2						10.3	B-E	23.7
	3S2	Frt.	H	627	87	118	118	152	152		13.6	4.3	20.6	4.2		42.7															B-E	4.2
	3-2	Gas	H	753	97	159	158	169	170		18.6	4.0	15.0	19.0		56.6							B-[illegible]	3.0						2.7	B-E	13.0
	2-2	Rd.Oil	H	629	103	174	177	175			16.4	12.0	15.0			43.4															B-D	5.0

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 11 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 1 TO SEPTEMBER 2, 1955

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLE GROUP		AXLE LOAD						MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
11	3-3	Frt.	H	702	86	135	134	147	100	100	13.6	4.2	13.6	19.6	4.0	55.0															B-F	0.1
	2-2	Rd.Oil	H	633	108	177	176	172			16.2	10.7	13.6			40.5							B-D	2.5						2.8	B-D	10.6
	3S2	Prod.	P	690	89	150	149	151	151		14.6	4.4	25.0	4.0		48.0														3.1	B-E	8.9
4	3S2	Gas	H	737	92	162	162	161	160		17.8	4.2	25.6	4.0		51.6						0.1	B-E	2.5						5.6	B-E	15.2

AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS
Recommended Truck Loads

No axle shall carry a load in excess of 18,000 pounds. No group of axles shall carry a load in pounds in excess of the value given in the following table corresponding to the distance in feet between the extreme axles of the group measured longitudinally to the nearest foot.

Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles	Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles
4	32,000	31	53,490
5	32,000	32	54,300
6	32,000	33	55,160
7	32,000	34	55,980
8	32,610	35	56,800
9	33,580	36	57,610
10	34,550	37	58,420
11	35,510	38	59,220
12	36,470	39	60,010
13	37,420	40	60,800
14	38,360	41	61,580
15	39,300	42	62,360
16	40,230	43	63,130
17	41,160	44	63,890
18	42,080	45	64,650
19	42,990	46	65,400
20	43,900	47	66,150
21	44,800	48	66,890
22	45,700	49	67,620
23	46,590	50	69,350
24	47,470	51	69,070
25	48,350	52	69,790
26	49,220	53	70,500
27	50,090	54	71,200
28	50,950	55	71,900
29	51,800	56	72,590
30	52,650	57	73,280

STATE OF MONTANA MAXIMUM LEGAL WEIGHTS OF VEHICLES AND COMBINATIONS OF VEHICLES, AS AMENDED 1953

Permissible Loads: No axle shall carry a load in excess of 18,000 pounds. An axle load shall be defined as the total load transmitted to the road by all wheels whose centers may be included between two parallel transverse vertical planes 40 inches apart, extending across the full width of the vehicle.

Subject to the above limitations, the following schedule of gross weights, in pounds, applies to distance in feet between the extreme axles of any group measured to the nearest foot. If a fraction is exactly one-half foot, the next largest whole number is used.

Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles	Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles
4	32,000	31	60,350
5	32,000	32	61,200
6	32,200	33	62,050
7	32,900	34	62,900
8	33,600	35	63,750
9	34,300	36	64,600
10	35,000	37	65,450
11	35,700	38	66,300
12	36,400	39	67,150
13	37,100	40	68,000
14	43,200	41	68,000
15	44,000	42	68,000
16	44,800	43	68.000
17	45,600	44	68,000
18	46,400	45	68,000
19	47,200	46	68,800
20	48,000	47	69,600
21	48,800	48	70,400
22	49,600	49	71,200
23	50,400	50	72,000
24	51,200	51	72,800
25	55,250	52	73,600
26	56,100	53	74,400
27	56,950	54	75,200
28	57,800	55	76.000
29	58,650	56	76,400
30	59,500	57	76,800

SPECIAL ICC TRIP FREQUENCY

AND

TRIP LENGTH TABLES

TABLE W-3A

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTERSTATE TRIPS HAVING ICC NUMBERS, BY TYPES,

WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 6 STATIONS ON THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS	47	4260	40.00	19	5200	60.00	28	3633
OTHER 4-TIRED								
6-TIRED	31	12506	68.75	21	13891	31.25	10	9460
3 AXLE	5	20433	66.67	3	21650	33.33	2	18000
SUBTOTAL SINGLE-UNITS	83	8314	51.81	43	10592	48.19	40	5808
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	104	26688	68.83	72	30321	31.17	32	18667
4 AXLE	18	34900	53.33	10	44188	46.67	8	24286
5 AXLE OR MORE	115	55395	94.17	108	57093	5.83	7	27950
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	237	41241	80.17	190	46269	19.83	47	21006
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	14	43950	75.00	11	49800	25.00	3	26400
5 AXLE	14	64330	80.00	11	71750	20.00	3	34650
6 AXLE OR MORE	19	51818	76.47	15	57562	23.53	4	33150
SUBTOTAL TRUCK-TRAILER COMBINATIONS	47	53201	78.72	37	59472	21.28	10	31575
SUBTOTAL ALL COMBINATIONS	284	43220	79.93	227	48421	20.07	57	22860
TOTAL ALL TRUCKS AND COMBINATIONS	367	35326	73.57	270	42396	26.43	97	15828

TABLE W-3B

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTERSTATE TRIPS AND HAVING ICC NUMBERS, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 5 STATIONS ON OTHER MAIN ROADS EXCLUSIVE OF THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS	10	3900				100.00	10	3900
OTHER 4-TIRED								
6-TIRED	7	13725	75.00	5	15067	25.00	2	9700
3 AXLE	1	30900	100.00	1	30900			
SUBTOTAL SINGLE-UNITS	18	9221	33.33	6	17706	66.67	12	4867
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	25	24211	61.11	15	27673	38.89	10	18771
4 AXLE	8	33686	57.14	5	42950	42.86	3	21333
5 AXLE OR MORE	19	38894	47.06	9	50375	52.94	10	28689
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	52	31033	55.77	29	37352	44.23	23	23417
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	3	59900	100.00	3	59900			
5 AXLE	20	60067	66.67	13	75750	33.33	7	28700
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	23	60045	69.57	16	72778	30.43	7	28700
SUBTOTAL ALL COMBINATIONS	75	39930	60.00	45	49948	40.00	30	24650
TOTAL ALL TRUCKS AND COMBINATIONS	93	33986	54.84	51	46155	45.16	42	18998

TABLE W-3C

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTERSTATE TRIPS, NOT HAVING AN ICC NUMBER BUT ENGAGED IN FOR-HIRE TRANSPORTATION, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 6 STATIONS ON THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS								
OTHER 4-TIRED								
6-TIRED								
3 AXLE								
SUBTOTAL SINGLE-UNITS								
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	15	30764	72.73	11	35475	27.27	4	18200
4 AXLE	12	42490	80.00	10	47625	20.00	2	21950
5 AXLE OR MORE	13	56467	91.67	12	58936	8.33	1	29300
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	40	42635	82.50	33	47688	17.50	7	20857
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE								
5 AXLE								
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS								
SUBTOTAL ALL COMBINATIONS	40	42635	82.50	33	47688	17.50	7	20857
TOTAL ALL TRUCKS AND COMBINATIONS	40	42635	82.50	33	47688	17.50	7	20857

TABLE W-3D

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTERSTATE TRIPS, NOT HAVING AN ICC NUMBER BUT ENGAGED IN FOR-HIRE TRANSPORTATION, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 5 STATIONS ON OTHER MAIN ROADS EXCLUSIVE OF THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS								
OTHER 4-TIRED								
6-TIRED								
3 AXLE	1	14800				100.00	1	14800
SUBTOTAL SINGLE-UNITS	1	14800				100.00	1	14800
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	23	29700	70.59	16	33775	29.41	7	19920
4 AXLE	9	48413	87.50	8	52557	12.50	1	19400
5 AXLE OR MORE	6	56440	100.00	6	56440			
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	38	38354	78.95	30	43317	21.05	8	19855
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE								
5 AXLE								
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS								
SUBTOTAL ALL COMBINATIONS	38	38354	78.95	30	43317	21.05	8	19855
TOTAL ALL TRUCKS AND COMBINATIONS	39	37750	76.92	30	43317	23.08	9	19293

TABLE W-3E

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTERSTATE TRIPS, NOT HAVING AN ICC NUMBER AND ENGAGED IN PRIVATE TRANSPORTATION, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 6 STATIONS ON THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS	226	5108	66.67	151	5500	33.33	75	4325
OTHER 4-TIRED								
6-TIRED	80	12043	69.05	55	13807	30.95	25	8108
3 AXLE	13	28967	77.78	10	33171	22.22	3	14250
SUBTOTAL SINGLE-UNITS	319	7819	67.71	216	8896	32.29	103	5532
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	31	23839	78.26	24	26372	21.74	7	14720
4 AXLE	47	37690	60.00	28	47854	40.00	19	22444
5 AXLE OR MORE	50	53173	71.11	36	62666	28.89	14	29808
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	128	40384	68.75	88	48055	31.25	40	23670
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	3	18700				100.00	3	18700
5 AXLE	4	41767	33.33	1	72700	66.67	3	26300
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	7	31881	14.29	1	72700	85.71	6	22500
SUBTOTAL ALL COMBINATIONS	135	39943	66.42	89	48332	33.58	45	23541
TOTAL ALL TRUCKS AND COMBINATIONS	454	17371	67.18	305	20404	32.82	149	11085

TABLE W-3F

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTERSTATE TRIPS, NOT HAVING AN ICC NUMBER AND ENGAGED IN PRIVATE TRANSPORTATION, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 5 STATIONS ON OTHER MAIN ROADS EXCLUSIVE OF THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS	207	5200	72.73	151	5619	27.27	56	4083
OTHER 4-TIRED								
6-TIRED	192	13869	77.23	148	15528	22.77	44	8243
3 AXLE	12	31050	100.00	12	31050			
SUBTOTAL SINGLE-UNITS	411	10004	75.67	311	11316	24.39	100	5913
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	28	26533	66.67	19	31136	33.33	9	17329
4 AXLE	24	37081	57.14	14	47058	42.86	10	23778
5 AXLE OR MORE	9	46250	62.50	6	54440	37.50	3	32600
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	61	33592	63.93	39	40337	36.07	22	22343
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	14	22975	100.00	14	22975			
5 AXLE	5	51325	50.00	3	74600	50.00	2	28050
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	19	30436	89.47	17	32085	10.53	2	28050
SUBTOTAL ALL COMBINATIONS	80	32842	70.00	56	37832	30.00	24	22819
TOTAL ALL TRUCKS AND COMBINATIONS	491	13725	74.75	367	15362	25.25	124	9185

TABLE W-3G

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTRASTATE TRIPS AND HAVING ICC NUMBERS, BY TYPES,

WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 6 STATIONS ON THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS	9	5400	100.00	9	5400			
OTHER 4-TIRED	5	5200				100.00	5	5200
6-TIRED	38	12815	70.00	27	14686	30.00	11	8450
3 AXLE	3	26450	100.00	3	26450			
SUBTOTAL SINGLE-UNITS	55	11653	70.91	39	13448	29.09	16	7434
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	7	24300	80.00	6	26350	20.00	1	16100
4 AXLE	9	33125	75.00	7	36150	25.00	2	24050
5 AXLE OR MORE	82	44501	75.68	62	49116	24.32	20	30144
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	98	42013	76.53	75	46085	23.47	23	29003
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	51	44520	53.33	27	61300	46.67	24	25343
5 AXLE	106	63355	76.92	82	73557	23.08	24	29350
6 AXLE OR MORE	10	49033	88.89	9	51150	11.11	1	32100
SUBTOTAL TRUCK-TRAILER COMBINATIONS	167	56745	70.66	118	69043	29.34	49	27443
SUBTOTAL ALL COMBINATIONS	265	51297	72.83	193	60121	27.17	72	27941
TOTAL ALL TRUCKS AND COMBINATIONS	320	44483	72.50	232	52276	27.50	88	24213

TABLE W-3H

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTRASTATE TRIPS AND HAVING ICC NUMBERS, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 5 STATIONS ON OTHER MAIN ROADS EXCLUSIVE OF THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS								
OTHER 4-TIRED								
6-TIRED	4	11850	50.00	2	14700	50.00	2	9000
3 AXLE	3	19750	50.00	1	27300	50.00	2	12200
SUBTOTAL SINGLE-UNITS	7	15236	42.86	3	18900	57.14	4	10600
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	4	20967	33.33	1	35900	66.67	3	13500
4 AXLE	2	35600	50.00	1	43100	50.00	1	28100
5 AXLE OR MORE	26	48670	78.26	20	53767	21.74	6	30320
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	32	44390	68.75	22	52470	31.25	10	25052
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	3	22000				100.00	3	22000
5 AXLE	49	58314	66.67	33	72854	33.33	16	29233
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	52	56219	42.86	33	72854	57.14	19	28091
SUBTOTAL ALL COMBINATIONS	84	51713	65.48	55	64700	34.52	29	27043
TOTAL ALL TRUCKS AND COMBINATIONS	91	48907	63.74	58	62331	36.26	33	25050

TABLE W-3I

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTRASTATE TRIPS NOT HAVING AN ICC NUMBER, BUT ENGAGED IN FOR-HIRE TRANSPORTATION, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 6 STATIONS ON THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTI-MATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTI-MATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTI-MATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS								
OTHER 4-TIRED								
6-TIRED	23	13483	75.00	17	14733	25.00	6	9733
3 AXLE	4	34300	100.00	4	34300			
SUBTOTAL SINGLE-UNITS	27	16567	77.78	21	18460	22.22	6	9733
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	9	27957	57.14	5	33500	42.86	4	20567
4 AXLE	6	39200	80.00	5	42750	20.00	1	25000
5 AXLE OR MORE	6	53400	60.00	4	69100	40.00	2	29850
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	21	38439	66.67	14	46975	33.33	7	23853
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	3	27400				100.00	3	27400
5 AXLE	7	44820	40.00	3	72500	60.00	4	26367
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	10	39594	30.00	3	72500	70.00	7	26810
SUBTOTAL ALL COMBINATIONS	31	38812	54.84	17	51479	45.16	14	25332
TOTAL ALL TRUCKS AND COMBINATIONS	58	28456	65.52	38	33232	34.48	20	20652

TABLE W-3J

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTRASTATE TRIPS NOT HAVING AN ICC NUMBER BUT ENGAGED IN FOR-HIRE TRANSPORTATION, BY TYPE, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 5 STATIONS ON OTHER MAIN ROADS EXCLUSIVE OF THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS								
OTHER 4-TIRED								
6-TIRED	4	10700	100.00	4	10700			
3 AXLE	1	29100	100.00	1	29100			
SUBTOTAL SINGLE-UNITS	5	14380	100.00	5	14380			
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	3	45400	100.00	3	45400			
4 AXLE	1	26100				100.00	1	26100
5 AXLE OR MORE	3	47867	66.67	2	59550	33.33	1	24500
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	7	43700	71.43	5	51060	28.57	2	25300
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	7	26650				100.00	7	26650
5 AXLE	8	52800	50.00	4	75167	50.00	4	30433
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	15	40597	26.67	4	75167	73.33	11	28026
SUBTOTAL ALL COMBINATIONS	22	41584	40.91	9	61774	59.09	13	27607
TOTAL ALL TRUCKS AND COMBINATIONS	27	36546	51.85	14	44848	48.15	13	27607

TABLE W-3K

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTRASTATE TRIPS NOT HAVING AN ICC NUMBER AND ENGAGED IN PRIVATE TRANSPORTATION, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 6 STATIONS ON THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS	979	4959	50.00	489	5579	50.00	490	4338
OTHER 4-TIRED	119	6996	84.00	100	7410	16.00	19	4825
6-TIRED	741	12855	67.87	503	14963	32.13	238	8402
3 AXLE	86	23707	63.33	54	28987	36.67	32	14586
SUBTOTAL SINGLE-UNITS	1925	8962	59.53	1146	10961	40.47	779	6012
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	69	27333	62.75	43	33788	37.25	26	16463
4 AXLE	35	36130	56.67	20	45994	43.33	15	23231
5 AXLE OR MORE	97	49299	62.07	60	61446	37.93	37	29421
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	201	39465	61.19	123	49264	38.81	78	23911
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	3	22000	100.00	3	22000			
5 AXLE	31	49478	56.52	18	65938	43.48	13	28080
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	34	47053	61.76	21	59661	38.24	13	28080
SUBTOTAL ALL COMBINATIONS	235	40563	61.28	144	50780	38.72	91	24507
TOTAL ALL TRUCKS AND COMBINATIONS	2160	12400	59.72	1290	15406	40.28	870	7946

TABLE W-3L

STATE OF MONTANA

NUMBER OF VEHICLES MAKING INTRASTATE TRIPS NOT HAVING AN ICC NUMBER AND ENGAGED IN PRIVATE TRANSPORTATION, BY TYPES, WITH AVERAGE LOADED AND EMPTY WEIGHTS AT 5 STATIONS ON OTHER MAIN ROADS EXCLUSIVE OF THE INTERSTATE SYSTEM

VEHICLE TYPE	LOADED AND EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	ESTIMATED NUMBER COUNTED	AVERAGE TOTAL WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT (LBS.)	% OF TOTAL LOADED & EMPTY	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT (LBS.)
TRUCKS, SINGLE-UNIT								
PANELS & PICKUPS	1374	5080	43.15	593	6303	56.85	781	4152
OTHER 4-TIRED	52	7036	72.73	38	7813	27.27	14	4967
6-TIRED	767	12498	57.32	440	15978	42.68	327	7824
3 AXLE	54	24505	55.26	30	32367	44.74	24	14794
SUBTOTAL SINGLE-UNITS	2247	8124	49.00	1101	10932	51.00	1146	5433
TRACTOR-SEMITRAILER COMBINATIONS								
3 AXLE	14	23910	40.00	6	35025	60.00	8	16500
4 AXLE	16	37264	71.43	11	44500	28.57	5	19175
5 AXLE OR MORE	21	45679	52.63	11	57740	47.37	10	32278
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	51	37063	54.90	28	47671	45.10	23	23942
COMBINATIONS INVOLVING FULL TRAILERS								
4 AXLE	3	63200	100.00	3	63200			
5 AXLE	11	46513	37.50	4	74900	62.50	7	29480
6 AXLE OR MORE								
SUBTOTAL TRUCK-TRAILER COMBINATIONS	14	50089	50.00	7	69886	50.00	7	29480
SUBTOTAL ALL COMBINATIONS	65	39869	53.85	35	52114	46.15	30	25234
TOTAL ALL TRUCKS AND COMBINATIONS	2312	9016	49.13	1136	12201	50.87	1176	5938

TABLE W-7A

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY TRUCKS AND COMBINATIONS WEIGHED WITH ICC NUMBERS, OF EACH TYPE, MAKING TRIPS OF VARIOUS LENGTHS AT 11 STATIONS IN THE SUMMER OF 1955

TRIP LENGTH IN MILES	SINGLE-UNIT TRUCKS					TRACTOR-SEMITRAILER COMBINATIONS				COMBINATIONS INVOLVING TRAILERS				ALL COMBINATIONS	ALL TRUCKS AND COMBINATIONS
	PANEL AND PICKUP UNDER 1½ TONS	OTHER 2 AXLE 4-TIRED	OTHER 2 AXLE 6-TIRED	3 AXLE	ALL SINGLE UNIT TRUCKS	3 AXLE	4 AXLE	5 AXLE OR MORE	ALL TRACTOR-SEMITRAILER COMB.	4 AXLE OR LESS	5 AXLE	6 AXLE OR MORE	ALL TRUCK-TRAILER COMB.		
UNDER 5							1		1					1	1
5-9.9				1	1						1		1	1	2
10-24.9			2	2	4		3	2	5	1	5		6	11	15
25-49.9			4	1	5		1	1	2	3	6		9	11	16
50-99.9		1	6		7	5	4	14	23		25		25	48	55
100-249.9	1		8	2	11	4	4	67	75	5	63	10	78	153	164
250-499.9			9	1	10	5	4	40	49	9	32	12	53	102	112
500-999.9			4		4	10	1	9	20		7	2	9	29	33
1,000 & OVER	6		9	1	16	79	14	84	177	3		2	5	182	198
TOTAL VEHICLES WEIGHED	7	1	42	8	58	103	32	217	352	21	139	26	186	538	596
TOTAL VEHICLES COUNTED	2852	176	1887	183	5098	332	187	447	966	104	255	29	388	1354	6452

TABLE W-7B

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY TRUCKS AND COMBINATIONS WEIGHED, NOT HAVING AN ICC NUMBER BUT ENGAGED IN FOR-HIRE TRANSPORTATION, OF EACH TYPE, MAKING TRIPS OF VARIOUS LENGTHS AT 11 STATIONS IN THE SUMMER OF 1955

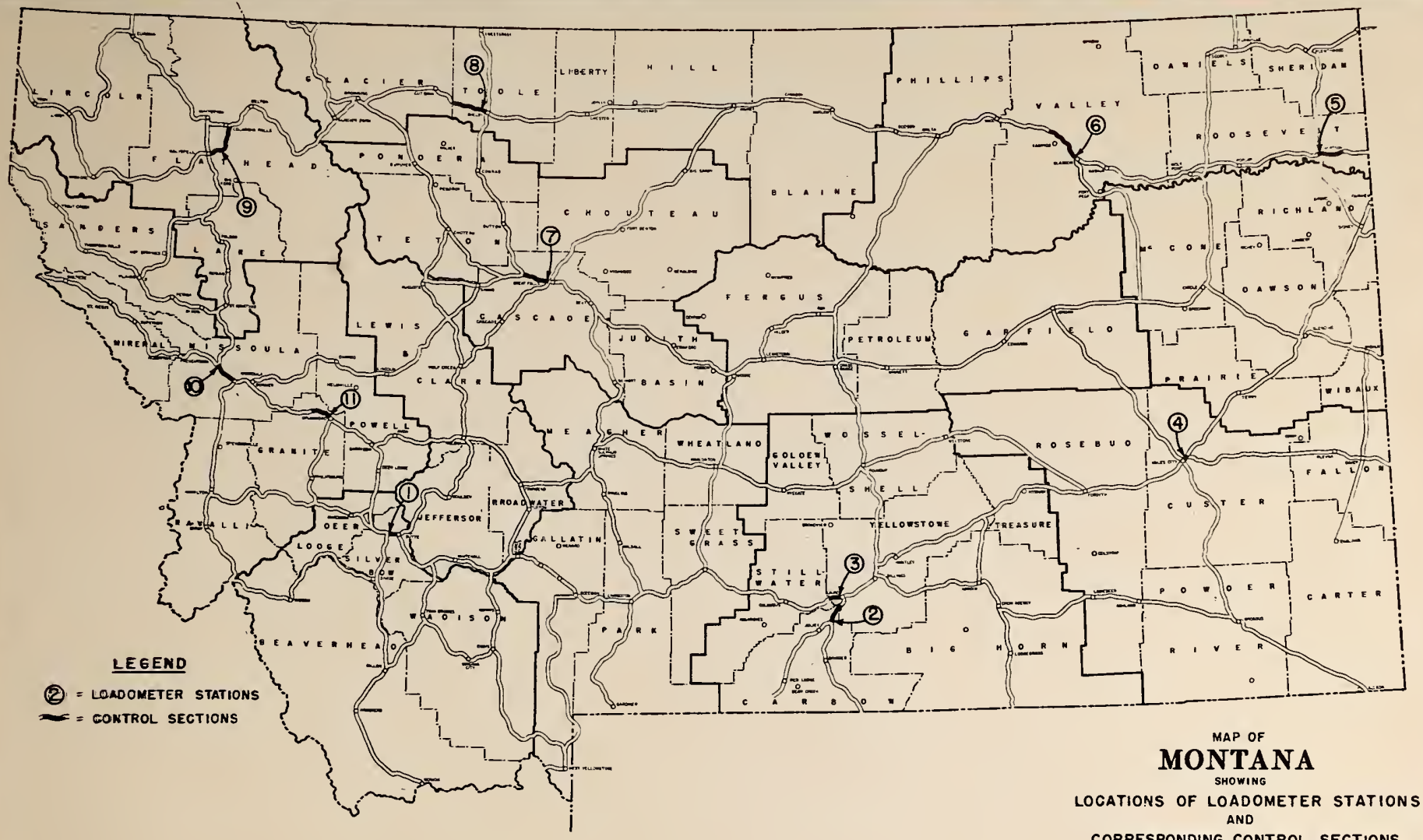
TRIP LENGTH IN MILES	SINGLE-UNIT TRUCKS					TRACTOR-SEMITRAILER COMBINATIONS				COMBINATIONS INVOLVING TRAILERS				ALL COMBINATIONS	ALL TRUCKS AND COMBINATIONS
	PANEL AND PICKUP UNDER 1½ TONS	OTHER 2 AXLE 4-TIRED	OTHER 2 AXLE 6-TIRED	3 AXLE	ALL SINGLE UNIT TRUCKS	3 AXLE	4 AXLE	5 AXLE OR MORE	ALL TRACTOR-SEMITRAILER COMB.	4 AXLE OR LESS	5 AXLE	6 AXLE OR MORE	ALL TRUCK-TRAILER COMB.		
UNDER 5			1		1										1
5-9.9			1		1										1
10-24.9			1	1	2	1		1	2		1		1	3	5
25-49.9			3	1	4	1		1	2		1		1	3	7
50-99.9			3	2	5	2	1	1	4		5		5	9	14
100-249.9			5	1	6	2	4	4	10	1	3		4	14	20
250-499.9						3	1	2	6	2	1		3	9	9
500-999.9						1	2		3					3	3
1,000 & OVER						27	16	16	59					59	59
TOTAL VEHICLES WEIGHED			14	5	19	37	24	25	86	3	11		14	100	119
TOTAL VEHICLES COUNTED	2852	176	1887	183	5098	332	187	447	966	104	255	29	388	1354	6452

TABLE W-7C

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY TRUCKS AND COMBINATIONS WEIGHED, NOT HAVING AN ICC NUMBER AND ENGAGED IN PRIVATE TRANSPORTATION, OF EACH TYPE, MAKING TRIPS OF VARIOUS LENGTHS AT 11 STATIONS IN THE SUMMER OF 1955

TRIP LENGTH IN MILES	SINGLE-UNIT TRUCKS					TRACTOR-SEMITRAILER COMBINATIONS				COMBINATIONS INVOLVING TRAILERS				ALL COMBINATIONS	ALL TRUCKS AND COMBINATIONS
	PANEL AND PICKUP UNDER 1½ TONS	OTHER 2 AXLE 4-TIRED	OTHER 2 AXLE 6-TIRED	3 AXLE	ALL SINGLE UNIT TRUCKS	3 AXLE	4 AXLE	5 AXLE OR MORE	ALL TRACTOR-SEMITRAILER COMB.	4 AXLE OR LESS	5 AXLE	6 AXLE OR MORE	ALL TRUCK-TRAILER COMB.		
UNDER 5	29	4	50	8	91										91
5-9.9	52	2	93	5	152		1		1					1	153
10-24.9	83	10	210	42	345	12		20	32		2		2	34	379
25-49.9	34	8	145	10	197	6	4	11	21		4		4	25	222
50-99.9	28	6	190	19	243	17	8	13	38	1	6		7	45	288
100-249.9	24	3	122	15	164	29	27	45	101	1	15		16	117	281
250-499.9	12	2	49	9	72	14	15	29	58		8		8	66	138
500-999.9	3	1	15	1	20	8	12	18	38	1	3		4	42	62
1,000 & OVER	31		61	6	98	19	38	23	80	4			4	84	182
TOTAL VEHICLES WEIGHED	296	36	935	115	1382	105	105	159	369	7	38		45	414	1796
TOTAL VEHICLES COUNTED	2852	176	1887	183	5098	332	187	447	966	104	255	29	388	1354	6452



MAP OF

MONTANA

SHOWING

LOCATIONS OF LOADOMETER STATIONS

AND

CORRESPONDING CONTROL SECTIONS

PREPARED BY

STATE HIGHWAY PLANNING SURVEY

IN COOPERATION WITH

U. S. DEPARTMENT OF COMMERCE

BUREAU OF PUBLIC ROADS

SEPT. 1, 1950